

Converting Colors

HunterLab(81.4862, -5.2598,
-37.1611)

Have a look what the booklet for
HunterLab(81.4862, -5.2598,
-37.1611) contains.

HunterLab(80.3942, -11.9849, -20.4437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(80.3942,
-11.9849, -20.4437)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D9FF
RGB	163, 217, 255
RGB Percent	64%, 85%, 100%
CMY	0.3608, 0.1490, 0.0000
CMYK	0.36, 0.15, 0.00, 0.00
HSL	205°, 100%, 82%
HSV	205°, 36%, 100%
XYZ	57.9671, 64.6323, 104.0279
YIQ	205.1860, -44.3820, 0.3700

Conversions

Conversions Part 2

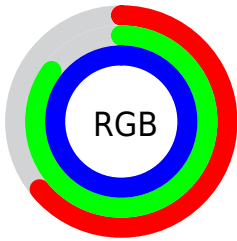
Format	Color
R_{YB}	163, 197, 255
Decimal	10738175
CIE _{Lab}	84.30, -8.28, -24.06
CIE _{LCh}	84, 25.446, 251.001
Yxy	64.6347, 0.2558, 0.2852
Android (android.graphics.Color)	4288928255 (0xFFA3D9FF)
YUV	205.1860, 24.5583, -36.9971
Hunter-Lab	80.3942, -11.9849, -20.4437

Details

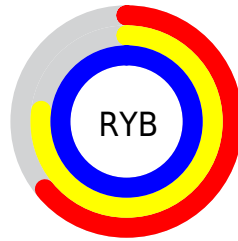
The HunterLab color $80.3942, -11.9849, -20.4437$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $81.0418, 9.5765, 24.7538$, and the grayscale version is $78.1272, -4.1687, 4.2448$.

A 20% lighter version of the original color is $96.9307, -16.1836, 1.5758$, and $57.5378, -9.8007, -19.7701$ is the 20% darker color. If you saturate the color by 10%, you get $75.4661, -12.2999, -28.0422$, and if you desaturate by 10%, it is $85.5613, -10.9371, -13.0278$.

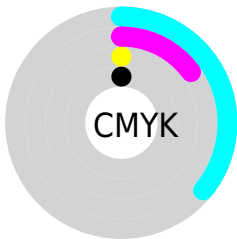
Distribution



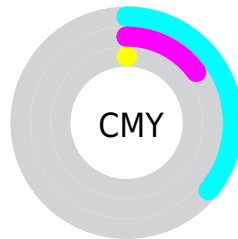
- Red (64%)
- Green (85%)
- Blue (100%)



- Red (64%)
- Yellow (77%)
- Blue (100%)



- Cyan (36%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.3942, -11.9849, -20.4437 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 80.3942, -11.9849, -20.4437 by changing the saturation by 10% instead.

80.3942, -11.9849,
-20.4437

80.3942, -11.9849,
-20.4437

210.1138,
-21.9145, -20.6451

68.6767, -10.9509,
-20.1574

105.6052,
-14.0915, -20.8358

57.5900, -9.9253,
-19.8127

119.0434,
-15.1644, -20.9510

47.1738, -8.9063,
-19.4073

133.0078,
-16.2515, -21.0150

37.4746, -7.8895,
-18.9445

147.4791,
-17.3535, -21.0302

28.5497, -6.8681,
-18.4370

162.4402,
-18.4707, -20.9988

20.4735, -5.8304,
-17.9213

177.8756,

13.3467, -4.7548,

-19.6031, -20.9229

-17.5062

193.7711,
-20.7510, -20.8044

■ 6.8956, -5.6032,
-19.2700

0.0000, NaN, -NF

■ 80.3942, -11.9849,
-20.4437

■ 80.3942, -11.9849,
-20.4437

■ 75.4661, -12.2999,
-28.0422

■ 85.5613, -10.9371,
-13.0278

■ 70.7939, -11.7904,
-35.8176

■ 90.9425, -9.2381,
-5.8030

■ 66.4013, -10.3712,
-43.7410

■ 96.5209, -6.9664,
1.2389

■ 62.3089, -7.9701,
-51.7691

■ 100.0000, -5.3358,
5.4332

■ 58.5324, -4.5476,
-59.8444

■ 55.0761, -0.1270,
-67.9107

■ 53.7874, 1.7982,
-71.1114

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3957, -21.6758, -12.1534



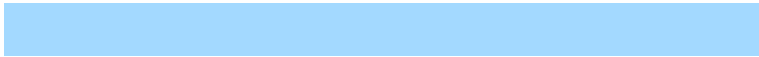
80.3942, -11.9849, -20.4437



80.3957, 0.3538, -21.5198

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.3957, -11.9859, -20.4414



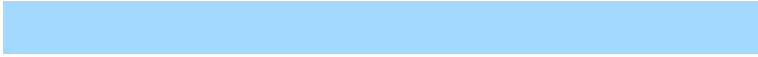
80.3957, 20.7412, 8.6266



80.3957, -19.4933, 19.8185

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80.3942, -11.9849, -20.4437



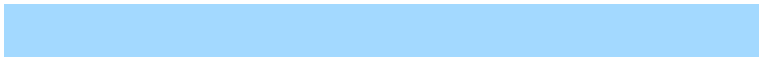
81.0418, 9.5765, 24.7538

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.3957, -8.8386, 23.7746



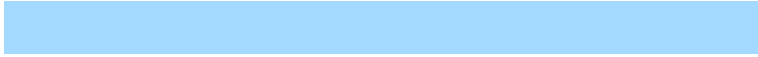
80.3942, -11.9849, -20.4437



80.3957, 14.7027, 18.0034

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.3957, -11.9859, -20.4414



80.3957, 19.7702, -3.4460



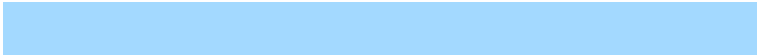
80.3957, 3.6984, 23.1654



80.3957, -25.8234, 11.4836

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.3942, -11.9849, -20.4437



80.3957, 8.4910, -17.8442



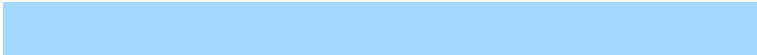
80.3957, 3.6984, 23.1654



80.3957, -16.3269, 21.6423

Sweetspot

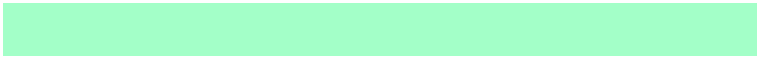
The Sweet Spot groups the original color and five complimentary colors.



80.3957, -11.9859, -20.4414



93.7510, -8.1519, -2.2056



91.3607, -40.1776, 20.2094



43.0243, -3.9121, -1.4628

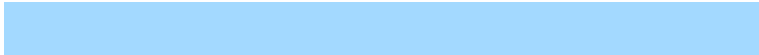
0.0000, NaN, NaN



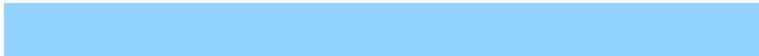
46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.3957, -11.9859, -20.4414



76.9565, -12.2869, -25.6841



66.7754, 11.3104, -42.6577



43.7606, -3.6110, -0.5342



39.2664, 0.6287, -50.4367



13.1025, -1.2270, -13.7283

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72.4332, 38.0144, -8.4377



68.0123, 46.3656, -10.2691



94.7073, -13.5507, 36.4275



42.6216, 2.7092, 0.5917



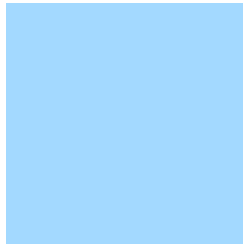
35.0492, 63.3770, -3.3533



11.0356, 20.1332, -2.4378

Previews

White Background



This preview shows how the HunterLab color 80.3942, -11.9849, -20.4437 looks on a white background.

Color Contrast Check

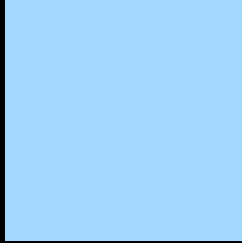
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 80.3942, -11.9849, -20.4437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

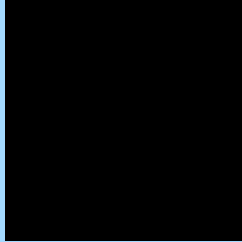
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

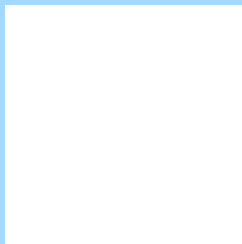
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 80.3942, -11.9849, -20.4437 Background



This preview shows how black text looks on a background with the HunterLab color 80.3942, -11.9849, -20.4437.



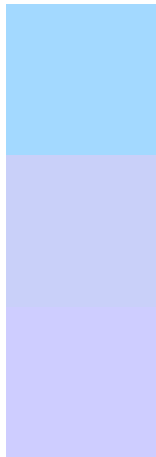
This preview shows how white text looks on a background with the HunterLab color 80.3942, -11.9849, -20.4437.

-11.9849, -20.4437.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

80.3942, -11.9849, -20.4437

Protanopia

80.2302, 1.4138, -16.7687

Deuteranopia

80.0028, 5.7686, -20.7154



Tritanopia

80.4552, -18.0535, -10.3496

Trichromacy



Original Color

80.3942, -11.9849, -20.4437

Protanomaly

80.0739, -3.7022, -18.3013

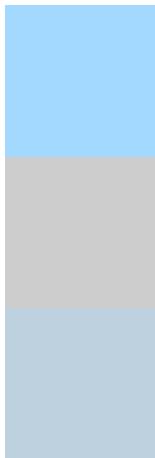
Deuteranomaly

79.8549, -0.9658, -21.0542

Tritanomaly

80.4166, -16.0759, -13.8319

Monochromacy



Original Color

80.3942, -11.9849, -20.4437

Achromatopsia

78.1342, -4.1690, 4.2452

Achromatomaly

78.6612, -7.5057, -4.2808

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.3942, -11.9849, -20.4437 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(163, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 217, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(163, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 217, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 80.3942, -11.9849, -20.4437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 217, 255) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(163, 217, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(163, 217, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 217,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.3942, -11.9849, -20.4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 217, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(163,  
217, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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