

Converting Colors

HunterLab(80.3140, -15.0989,
-20.6173)

Have a look what the booklet for
HunterLab(80.3140, -15.0989,
-20.6173) contains.

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Color

**HunterLab(80.4085,
-15.2490, -20.4795)**

Conversions

Conversions Part 1

Format	Color
Hex	99DBFF
RGB	153, 219, 255
RGB Percent	60%, 86%, 100%
CMY	0.4000, 0.1412, 0.0000
CMYK	0.40, 0.14, 0.00, 0.00
HSL	201°, 100%, 80%
HSV	201°, 40%, 100%
XYZ	56.5183, 64.6553, 104.1085
YIQ	203.3700, -50.8920, -2.7960

Conversions

Conversions Part 2

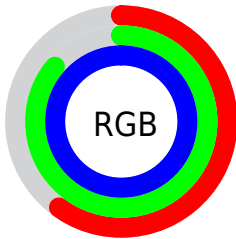
Format	Color
RYB	153, 193, 255
Decimal	10083327
CIELab	84.31, -11.90, -24.09
CIELCh	84, 26.868, 243.716
Yxy	64.6577, 0.2509, 0.2870
Android (android.graphics.Color)	4288273407 (0xFF99DBFF)
YUV	203.3700, 25.4536, -44.1745
Hunter-Lab	80.4085, -15.2490, -20.4795

Details

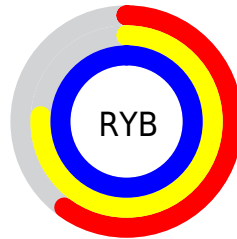
The HunterLab color $80.4085, -15.2490, -20.4795$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $77.4310, 14.7720, 24.8934$, and the grayscale version is $77.3487, -4.1271, 4.2025$.

A 20% lighter version of the original color is $96.2231, -18.7351, 0.6696$, and $57.5930, -12.7720, -19.7354$ is the 20% darker color. If you saturate the color by 10%, you get $76.0698, -15.9708, -27.1445$, and if you desaturate by 10%, it is $84.9902, -13.7495, -13.8695$.

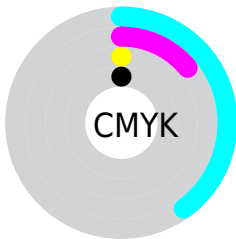
Distribution



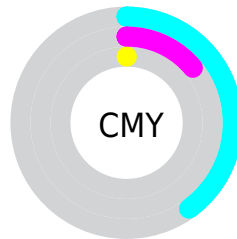
- Red (60%)
- Green (86%)
- Blue (100%)



- Red (60%)
- Yellow (76%)
- Blue (100%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.4085, -15.2490, -20.4795 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 80.4085, -15.2490, -20.4795 by changing the saturation by 10% instead.

80.4085, -15.2490,
-20.4795

80.4085, -15.2490,
-20.4795

210.1335,
-26.5121, -20.6884

68.6903, -14.0316,
-20.1925

105.6208,
-17.6944, -20.8734

57.6028, -12.8113,
-19.8470

119.0597,
-18.9254, -20.9895

47.1858, -11.5837,
-19.4408

133.0247,
-20.1644, -21.0543

37.4856, -10.3411,
-18.9774

147.4966,
-21.4125, -21.0703

28.5599, -9.0715,
-18.4694

162.4583,
-22.6708, -21.0397

20.4826, -7.7554,
-17.9535

177.8942,

13.3545, -6.3571,

-23.9397, -20.9647

-17.5387

193.7903,
-25.2200, -20.8470

■ 6.9052, -7.8767,
-19.2925

0.0000, NaN, -NF

■ 80.4085, -15.2490,
-20.4795

■ 80.4085, -15.2490,
-20.4795

■ 76.0698, -15.9708,
-27.1445

■ 84.9902, -13.7495,
-13.8695

■ 71.9865, -15.8367,
-33.8410

■ 89.7930, -11.5476,
-7.3412

■ 68.1754, -14.7825,
-40.5269

■ 94.8019, -8.7196,
-0.9048

■ 64.6477, -12.7664,
-47.1550

100.0000, -5.3358,
5.4332

■ 61.4066, -9.7891,
-53.6797

■ 58.4232, -5.9794,
-60.1159

■ 58.4227, -5.9787,
-60.1171

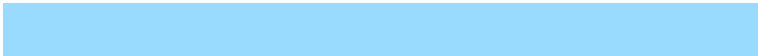
Harmonies

Analogous

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



80.4100, -24.3752, -10.2439



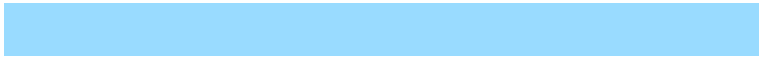
80.4085, -15.2490, -20.4795



80.4100, -2.6397, -23.7022

Triad

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



80.4100, -15.2499, -20.4774



80.4100, 22.6911, 5.9293



80.4100, -17.9308, 22.0126

Complementary

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



80.4085, -15.2490, -20.4795



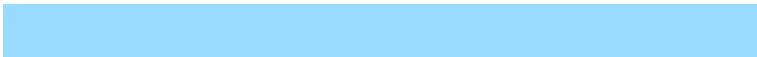
77.4310, 14.7720, 24.8934

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.



80.4100, -5.9366, 24.9703



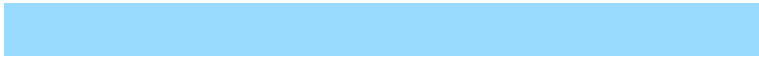
80.4085, -15.2490, -20.4795



80.4100, 17.9726, 16.6816

Square

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



80.4100, -15.2499, -20.4774



80.4100, 19.8029, -7.0904



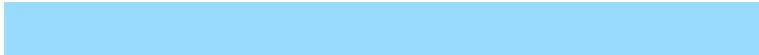
80.4100, 7.2801, 23.1880



80.4100, -25.8513, 14.3702

Rectangle

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



80.4085, -15.2490, -20.4795



80.4100, 6.1924, -21.0736



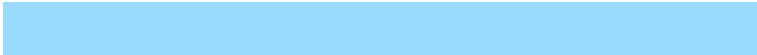
80.4100, 7.2801, 23.1880



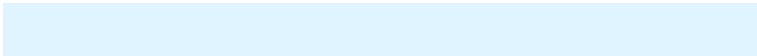
80.4100, -14.2706, 23.5262

Sweetspot

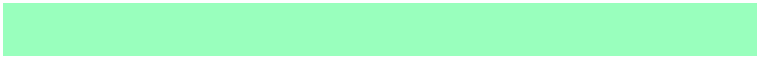
The Sweet Spot groups the original color and five complimentary colors.



80.4100, -15.2499, -20.4774



93.7835, -9.3323, -2.1855



90.5284, -43.9627, 23.5930



43.0830, -4.4969, -1.3988

0.0000, NaN, NaN



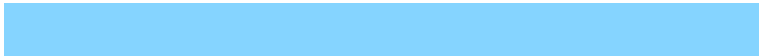
46.2646, -2.4686, 2.5136

Same Dimension

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



80.4100, -15.2499, -20.4774



76.9170, -15.8928, -25.8088



64.8925, 10.8980, -46.2626



43.9764, -3.9625, -0.2727



42.5750, -4.8740, -42.6935



14.0379, -2.6961, -11.7262

Inverse Universe

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



70.1132, 43.8501, -12.7035



65.3217, 53.5569, -15.2288



92.5765, -11.4945, 37.5417



42.6440, 2.8294, 0.2729



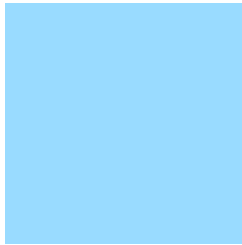
35.4370, 64.7758, -8.7977



11.1511, 20.5481, -4.0456

Previews

White Background



This preview shows how the HunterLab color 80.4085, -15.2490, -20.4795 looks on a white background.

Color Contrast Check

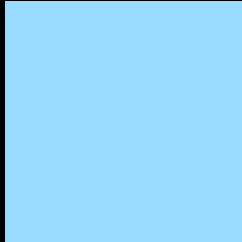
Large Text (above 18pt) WCAG AA × Fail

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 80.4085, -15.2490, -20.4795 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

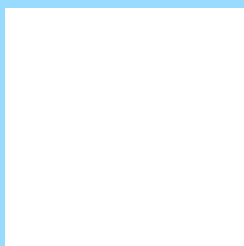
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.4085, -15.2490, -20.4795 Background



This preview shows how black text looks on a background with the HunterLab color 80.4085, -15.2490, -20.4795.



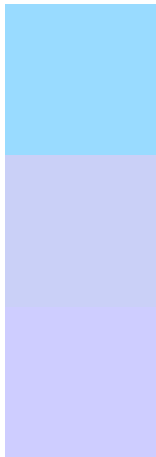
This preview shows how white text looks on a background with the HunterLab color 80.4085,

-15.2490, -20.4795.

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

80.4085, -15.2490, -20.4795

Protanopia

80.2395, 1.2907, -15.5554

Deuteranopia

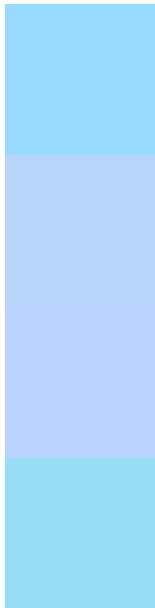
80.0028, 5.7686, -20.7154



Tritanopia

80.5383, -21.0476, -10.8580

Trichromacy



Original Color

80.4085, -15.2490, -20.4795

Protanomaly

80.1121, -5.2474, -17.6626

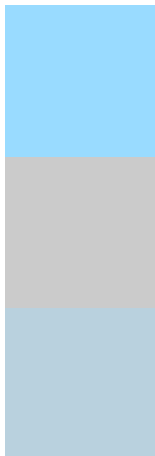
Deuteranomaly

79.9237, -2.3124, -20.9750

Tritanomaly

80.4919, -19.0794, -14.3670

Monochromacy



Original Color

80.4085, -15.2490, -20.4795

Achromatopsia

77.2788, -4.1234, 4.1987

Achromatomaly

78.2235, -9.1197, -4.3390

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.4085, -15.2490, -20.4795 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(153, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 219, 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(153, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 219, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 80.4085, -15.2490, -20.4795 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(153, 219, 255) }
```


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

```
.border{ border-color:rgb(153, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 219,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.4085, -15.2490, -20.4795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 219, 255) }
```

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

```
.background{ background-color: rgb(153,  
219, 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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