

Converting Colors

HunterLab(80.3998, -12.8256,
-40.2207)

Have a look what the booklet for
HunterLab(80.3998, -12.8256,
-40.2207) contains.

HunterLab(79.0887, -20.0619, -22.5413)	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(79.0887,
-20.0619, -22.5413)**

Conversions

Conversions Part 1

Format	Color
Hex	81DBFF
RGB	129, 219, 255
RGB Percent	51%, 86%, 100%
CMY	0.4941, 0.1412, 0.0000
CMYK	0.49, 0.14, 0.00, 0.00
HSL	197°, 100%, 75%
HSV	197°, 49%, 100%
XYZ	52.4348, 62.5502, 103.9177
YIQ	196.1940, -65.1960, -7.8840

Conversions

Conversions Part 2

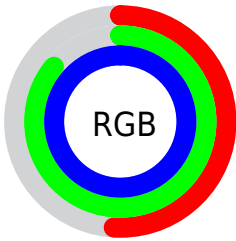
Format	Color
R_{YB}	129, 182, 255
Decimal	8510463
CIE _{Lab}	83.21, -17.53, -25.87
CIE _{LCh}	83, 31.249, 235.869
Yxy	62.5525, 0.2395, 0.2857
Android (android.graphics.Color)	4286700543 (0xFF81DBFF)
YUV	196.1940, 28.9914, -58.9291
Hunter-Lab	79.0887, -20.0619, -22.5413

Details

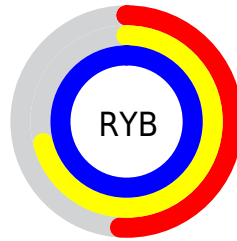
The HunterLab color **79.0887, -20.0619, -22.5413** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **70.5381, 24.9961, 26.4441**, and the grayscale version is **74.2821, -3.9635, 4.0359**.

A 20% lighter version of the original color is **94.5682, -24.7809, -1.4762**, and **56.4105, -17.1323, -21.6933** is the 20% darker color. If you saturate the color by 10%, you get **75.5512, -20.7575, -28.0541**, and if you desaturate by 10%, it is **82.8793, -18.5113, -16.9345**.

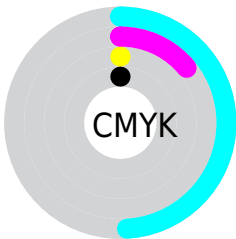
Distribution



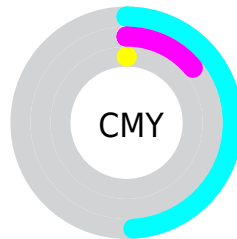
- Red (51%)
- Green (86%)
- Blue (100%)



- Red (51%)
- Yellow (71%)
- Blue (100%)



- Cyan (49%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.0887, -20.0619, -22.5413 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 79.0887, -20.0619, -22.5413 by changing the saturation by 10% instead.

79.0887, -20.0619,
-22.5413

79.0887, -20.0619,
-22.5413

208.3131,
-33.4344, -23.2550

67.4383, -18.5509,
-22.1965

104.1747,
-23.0469, -23.0516

56.4226, -17.0176,
-21.7950

117.5544,
-24.5288, -23.2255

46.0821, -15.4529,
-21.3364

131.4624,
-26.0080, -23.3475

36.4641, -13.8428,
-20.8280

145.8794,
-27.4871, -23.4199

27.6277, -12.1657,
-20.2899

160.7880,
-28.9678, -23.4449

19.6493, -10.3865,
-19.7760

176.1725,

12.6337, -8.4412,

-30.4518, -23.4245

-19.4429

192.0185,
-31.9404, -23.3606

■ 5.9579, -10.4263,
-23.6207

0.0000, NaN, -NF

■ 79.0887, -20.0619,
-22.5413

■ 79.0887, -20.0619,
-22.5413

■ 75.5512, -20.7575,
-28.0541

■ 82.8793, -18.5113,
-16.9345

■ 72.2715, -20.5475,
-33.4405

■ 86.9066, -16.1666,
-11.2756

■ 69.2554, -19.4093,
-38.6592

■ 91.1585, -13.0978,
-5.5913

■ 66.4984, -17.3606,
-43.6803

■ 95.6211, -9.3751,
0.0954

■ 63.9706, -14.5232, 100.0000, -5.3358,
-48.5213 5.4332

■ 63.8247, -14.3451,
-48.8085

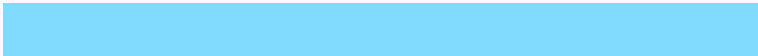
Harmonies

Analogous

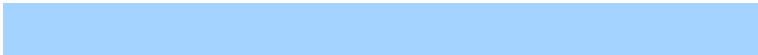
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0901, -28.9918, -8.9043



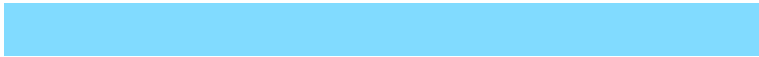
79.0887, -20.0619, -22.5413



79.0901, -6.3321, -29.0017

Triad

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



79.0901, -20.0626, -22.5391



79.0901, 27.3078, 2.2627



79.0901, -16.6550, 25.5727

Complementary

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



79.0887, -20.0619, -22.5413



70.5381, 24.9961, 26.4441

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.



79.0901, -2.0942, 27.4396



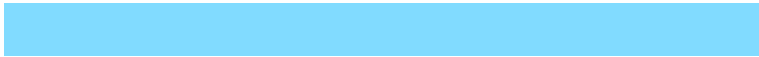
79.0887, -20.0619, -22.5413



79.0901, 24.0243, 15.5678

Square

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



79.0901, -20.0626, -22.5391



79.0901, 21.6294, -13.0610



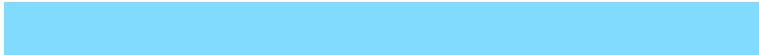
79.0901, 12.9676, 24.1430



79.0901, -27.1319, 18.4521

Rectangle

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



79.0887, -20.0619, -22.5413



79.0901, 3.9817, -27.6202



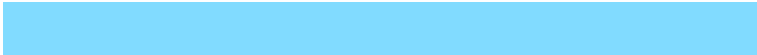
79.0901, 12.9676, 24.1430



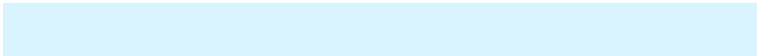
79.0901, -12.1088, 26.7697

Sweetspot

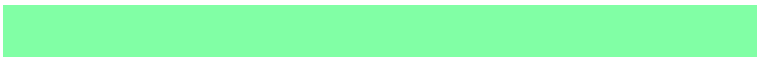
The Sweet Spot groups the original color and five complimentary colors.



79.0901, -20.0626, -22.5391



93.1011, -11.5328, -3.0829



88.8220, -51.7838, 30.1575



42.6408, -5.6889, -1.9811

0.0000, NaN, NaN



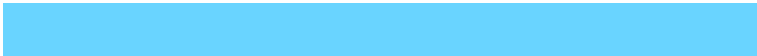
46.2646, -2.4686, 2.5136

Same Dimension

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



79.0901, -20.0626, -22.5391



75.6910, -20.7466, -27.8305



59.8054, 11.8737, -56.7327



44.2186, -4.3550, 0.0192



46.4255, -10.7995, -34.7149



15.1172, -4.2885, -9.6376

Inverse Universe

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



64.8666, 56.7586, -20.2944



60.0217, 67.8411, -23.3661



88.4125, -7.6132, 40.4170



42.6693, 2.9648, -0.0863



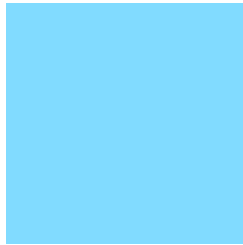
35.9218, 66.5139, -15.5219



11.2927, 21.0536, -5.9937

Previews

White Background



This preview shows how the HunterLab color 79.0887, -20.0619, -22.5413 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 79.0887, -20.0619, -22.5413 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 79.0887, -20.0619, -22.5413 Background



This preview shows how black text looks on a background with the HunterLab color 79.0887, -20.0619, -22.5413.



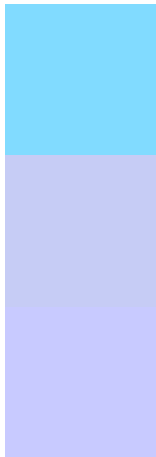
This preview shows how white text looks on a background with the HunterLab color 79.0887, -20.0619, -22.5413.

-20.0619, -22.5413.

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

79.0887, -20.0619, -22.5413

Protanopia

78.6028, 1.7949, -16.6948

Deuteranopia

78.5751, 5.5887, -22.8723



Tritanopia

79.2584, -25.7318, -13.2804

Trichromacy



Original Color

79.0887, -20.0619, -22.5413

Protanomaly

78.3101, -6.8139, -19.7198

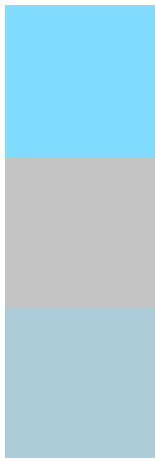
Deuteranomaly

78.3137, -4.7100, -23.4518

Tritanomaly

79.2093, -23.8171, -16.2707

Monochromacy



Original Color

79.0887, -20.0619, -22.5413

Achromatopsia

74.2975, -3.9643, 4.0367

Achromatomaly

75.4759, -11.1596, -5.2553

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.0887, -20.0619, -22.5413 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(129, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(129, 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(129, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 219, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 79.0887, -20.0619, -22.5413 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(129, 219, 255) }
```


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

```
.border{ border-color:rgb(129, 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(129, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(129, 219,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.0887, -20.0619, -22.5413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 219, 255) }
```

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

```
.background{ background-color: rgb(129,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor