

Converting Colors

HunterLab(66.1072, -12.8724,
-15.3545)

Have a look what the booklet for
HunterLab(66.1072, -12.8724,
-15.3545) contains.

HunterLab(66.1072, -12.8724, -15.3545)	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(66.1072,
-12.8724, -15.3545)**

Conversions

Conversions Part 1

Format	Color
Hex	81B8D4
RGB	129, 184, 212
RGB Percent	51%, 72%, 83%
CMY	0.4941, 0.2784, 0.1686
CMYK	0.39, 0.13, 0.00, 0.17
HSL	200°, 49%, 67%
HSV	200°, 39%, 83%
XYZ	38.0775, 43.7016, 68.7157
YIQ	170.7470, -41.7680, -2.9520

Conversions

Conversions Part 2

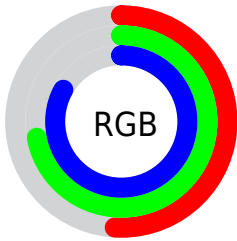
Format	Color
RYB	129, 162, 212
Decimal	8501460
CIELab	72.03, -10.84, -19.78
CIElCh	72, 22.554, 241.269
Yxy	43.7033, 0.2530, 0.2904
Android (android.graphics.Color)	4286691540 (0xFF81B8D4)
YUV	170.7470, 20.3377, -36.6121
Hunter-Lab	66.1072, -12.8724, -15.3545

Details

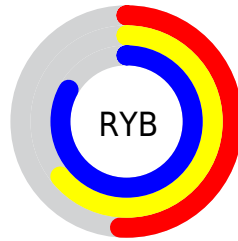
The HunterLab color $66.1072, -12.8724, -15.3545$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $63.0054, 12.0498, 19.4892$, and the grayscale version is $63.6429, -3.3958, 3.4578$.

A 20% lighter version of the original color is $89.3613, -18.1194, -8.0241$, and $44.9030, -10.5887, -14.6349$ is the 20% darker color. If you saturate the color by 10%, you get $62.7018, -13.6848, -20.5019$, and if you desaturate by 10%, it is $69.7037, -11.4464, -10.2316$.

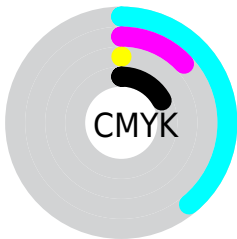
Distribution



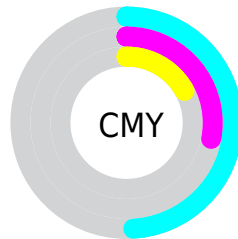
- Red (51%)
- Green (72%)
- Blue (83%)



- Red (51%)
- Yellow (64%)
- Blue (83%)



- Cyan (39%)
- Magenta (13%)
- Yellow (0%)
- Black (17%)



- Cyan (49%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.1072, -12.8724, -15.3545 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 66.1072, -12.8724, -15.3545 by changing the saturation by 10% instead.

■ 66.1072, -12.8724,
-15.3545

■ 66.1072, -12.8724,
-15.3545

190.1305,
-23.6350, -14.9378

■ 55.1700, -11.7096,
-15.1264

■ 89.8728, -15.2045,
-15.6216

■ 44.9119, -10.5418,
-14.8335

■ 102.6361,
-16.3788, -15.6697

■ 35.3825, -9.3622,
-14.4735

■ 115.9523,
-17.5612, -15.6648

■ 26.6427, -8.1591,
-14.0504

129.7992,
-18.7534, -15.6098

■ 18.7715, -6.9130,
-13.5839

144.1573,
-19.9561, -15.5073

■ 11.8780, -5.5872,
-13.1457

159.0088,

■ 4.7403, -8.2955,

-21.1703, -15.3597

-19.0820

174.3381,
-22.3964, -15.1692

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 66.1072, -12.8724,
-15.3545

■ 66.1072, -12.8724,
-15.3545

■ 62.7018, -13.6848,
-20.5019

■ 69.7037, -11.4464,
-10.2316

■ 59.4962, -13.8245,
-25.6531

■ 73.4747, -9.4650,
-5.1541

■ 56.5027, -13.2425,
-30.7759

■ 77.4087, -6.9865,
-0.1321

■ 53.7296, -11.9059,
-35.8348

■ 81.4938, -4.0650,
4.8279

■ 51.1788, -9.8125,

■ 85.7190, -0.7497,

-40.7957

9.7231

■ 48.8290, -7.0555,
-45.6679

■ 89.9465, 2.4836,
14.4097

■ 48.6334, -6.8092,
-46.0884

■ 92.1388, -1.2905,
16.6714

■ 94.3672, -5.0367,
18.9255

■ 96.6303, -8.7545,
21.1714

Harmonies

Analogous

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



66.1085, -19.7721, -7.0583



66.1072, -12.8724, -15.3545



66.1085, -3.0874, -18.3884

Triad

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



66.1085, -12.8729, -15.3533



66.1085, 17.6762, 4.0185



66.1085, -13.5952, 17.8824

Complementary

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



66.1072, -12.8724, -15.3545



63.0054, 12.0498, 19.4892

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.



66.1085, -3.9733, 19.9336



66.1072, -12.8724, -15.3545



66.1085, 14.4474, 12.7318

Square

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



66.1085, -12.8729, -15.3533



66.1085, 14.9371, -6.2160



66.1085, 6.3605, 18.2024



66.1085, -20.1707, 12.1063

Rectangle

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



66.1072, -12.8724, -15.3545



66.1085, 3.8817, -16.6999



66.1085, 6.3605, 18.2024



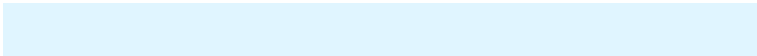
66.1085, -10.6307, 18.9864

Sweetspot

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



66.1085, -12.8729, -15.3533



93.9368, -9.5798, -1.9978



73.6057, -35.0679, 19.1662



43.1617, -4.6235, -1.3017

0.0000, NaN, NaN



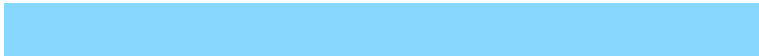
46.2646, -2.4686, 2.5136

Same Dimension

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



66.1085, -12.8729, -15.3533



77.9524, -16.7555, -24.2173



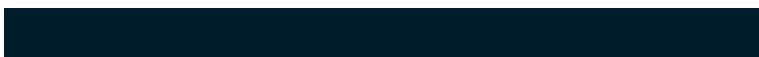
53.8673, 7.5808, -35.2331



36.5641, -3.3403, -0.1280



38.4619, -5.7428, -35.6770



10.2097, -2.5658, -7.2224

Inverse Universe

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



57.5843, 34.5479, -10.6045



65.9652, 52.6979, -15.9546



74.8648, -8.5870, 29.5319



35.4375, 2.2906, 0.1924



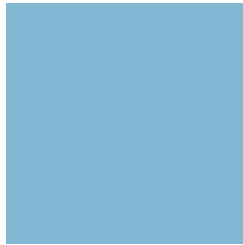
31.3660, 57.5317, -9.3174



7.8010, 14.4792, -3.6401

Previews

White Background



This preview shows how the HunterLab color 66.1072, -12.8724, -15.3545 looks on a white background.

Color Contrast Check

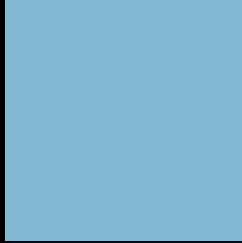
Large Text (above 18pt) WCAG AA × Fail

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 66.1072, -12.8724, -15.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

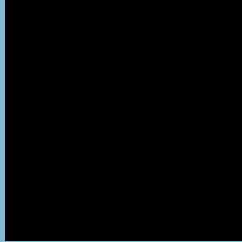
Any Text WCAG AA ✓ Pass

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 66.1072, -12.8724, -15.3545 Background



This preview shows how black text looks on a background with the HunterLab color 66.1072, -12.8724, -15.3545.



This preview shows how white text looks on a background with the HunterLab color 66.1072, -12.8724, -15.3545.

-12.8724, -15.3545.

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

66.1072, -12.8724, -15.3545

Protanopia

65.7833, 1.1623, -12.0731

Deuteranopia

65.8863, 5.1881, -17.1639



Tritanopia

66.1593, -16.7454, -9.0470

Trichromacy



Original Color

66.1072, -12.8724, -15.3545

Protanomaly

65.8509, -4.5811, -13.2322

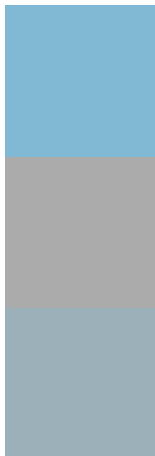
Deuteranomaly

65.7075, -1.5342, -16.9430

Tritanomaly

66.0437, -15.2481, -11.4224

Monochromacy



Original Color

66.1072, -12.8724, -15.3545

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

64.5475, -7.6001, -3.0298

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.1072, -12.8724, -15.3545 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, 184, 212)` looks like.

```
.text, #text, p{  
    color:rgb(129, 184, 212)  
}
```

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, 184, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 184, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 66.1072, -12.8724, -15.3545 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, 184, 212) }
```


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

```
.border{ border-color:rgb(129, 184, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 184, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 184, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 184, 212);  
box-shadow:4px 4px 4px 4px rgb(129, 184,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.1072, -12.8724, -15.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 184, 212) }
```

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

```
.background{ background-color: rgb(129,  
184, 212) }
```

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