

Converting Colors

HunterLab(64.7026, -12.8329,
-26.9468)

Have a look what the booklet for
HunterLab(64.7026, -12.8329,
-26.9468) contains.

HunterLab(64.8584, -12.9471, -26.6949)	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(64.8584,
-12.9471, -26.6949)**

Conversions

Conversions Part 1

Format	Color
Hex	6AB6E3
RGB	106, 182, 227
RGB Percent	42%, 71%, 89%
CMY	0.5843, 0.2863, 0.1098
CMYK	0.53, 0.20, 0.00, 0.11
HSL	202°, 68%, 65%
HSV	202°, 53%, 89%
XYZ	36.5369, 42.0661, 78.8669
YIQ	164.4060, -59.7410, -2.1170

Conversions

Conversions Part 2

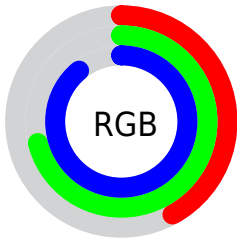
Format	Color
RYB	106, 153, 227
Decimal	6993635
CIELab	70.92, -11.09, -29.76
CIELCh	71, 31.756, 249.566
Yxy	42.0677, 0.2320, 0.2671
Android (android.graphics.Color)	4285183715 (0xFF6AB6E3)
YUV	164.4060, 30.8588, -51.2221
Hunter-Lab	64.8584, -12.9471, -26.6949

Details

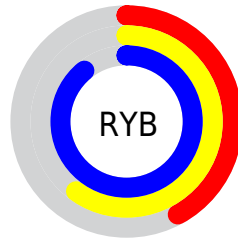
The HunterLab color **64.8584, -12.9471, -26.6949** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **62.8541, 18.7896, 26.1953**, and the grayscale version is **60.9923, -3.2544, 3.3138**.

A 20% lighter version of the original color is **87.3279, -22.1406, -10.8091**, and **43.7413, -10.6186, -25.4563** is the 20% darker color. If you saturate the color by 10%, you get **61.2386, -12.4038, -32.8436**, and if you desaturate by 10%, it is **68.7097, -12.7312, -20.5949**.

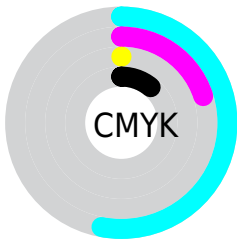
Distribution



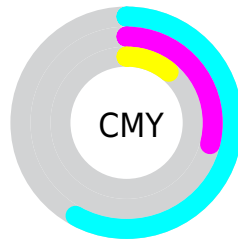
- Red (42%)
- Green (71%)
- Blue (89%)



- Red (42%)
- Yellow (60%)
- Blue (89%)



- Cyan (53%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (58%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8584, -12.9471, -26.6949 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 64.8584, -12.9471, -26.6949 by changing the saturation by 10% instead.

■ 64.8584, -12.9471,
-26.6949

■ 64.8584, -12.9471,
-26.6949

188.3516,
-23.7961, -28.9186

■ 53.9947, -11.7701,
-26.1845

■ 88.4884, -15.3027,
-27.5540

■ 43.8150, -10.5868,
-25.6314

■ 101.1888,
-16.4876, -27.9021

■ 34.3702, -9.3894,
-25.0532

■ 114.4447,
-17.6800, -28.1963

■ 25.7227, -8.1651,
-24.4940

128.2336,
-18.8815, -28.4382

■ 17.9540, -6.8925,
-24.0630

142.5357,
-20.0930, -28.6295

■ 11.1781, -5.5306,
-24.0751

157.3332,

■ 3.1871, -5.5775,

-21.3156, -28.7721

-49.5731

172.6100,
-22.5498, -28.8679

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.8584, -12.9471,
-26.6949

■ 64.8584, -12.9471,
-26.6949

■ 61.2386, -12.4038,
-32.8436

■ 68.7097, -12.7312,
-20.5949

■ 57.8608, -11.0450,
-39.0087

■ 72.7731, -11.8229,
-14.5736

■ 54.7365, -8.8377,
-45.1457

■ 77.0340, -10.2919,
-8.6463

■ 51.8678, -5.7916,
-51.2140

■ 81.4770, -8.2056,
-2.8219

■ 50.0648, -3.3827,

■ 86.0878, -5.6264,

-55.2745

2.8968

90.8532, -2.6109,
8.5114

94.7496, -2.6844,
12.8613

97.4125, -7.1155,
15.6678

99.1595, -9.9599,
17.4738

Harmonies

Analogous

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



64.8596, -23.6563, -15.8159



64.8584, -12.9471, -26.6949



64.8596, 1.2517, -28.5844

Triad

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



64.8596, -12.9472, -26.6937



64.8596, 26.4990, 7.8000



64.8596, -20.3427, 20.8807

Complementary

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



64.8584, -12.9471, -26.6949



62.8541, 18.7896, 26.1953

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.



64.8596, -8.0491, 24.6758



64.8584, -12.9471, -26.6949



64.8596, 19.5468, 18.2999

Square

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



64.8596, -12.9472, -26.6937



64.8596, 24.8946, -6.4672



64.8596, 6.5969, 23.8486



64.8596, -27.6576, 12.1531

Rectangle

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



64.8584, -12.9471, -26.6949



64.8596, 10.9282, -24.1512



64.8596, 6.5969, 23.8486



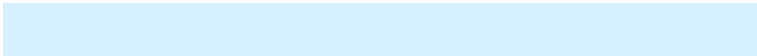
64.8596, -16.7017, 22.6776

Sweetspot

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



64.8596, -12.9472, -26.6937



91.5228, -10.0888, -5.0691



77.5998, -46.2069, 24.8419



41.8545, -4.9026, -2.9809

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.8596, -12.9472, -26.6937



69.4297, -14.0272, -38.2543



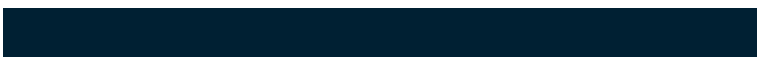
47.5013, 17.5303, -61.1327



39.2277, -3.4266, -0.2891



38.5336, -3.0762, -41.5229



11.2864, -2.1177, -9.5354

Inverse Universe

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



54.7885, 51.6326, -13.2293



57.2612, 70.6885, -16.5122



79.9343, -11.3883, 38.9406



38.1045, 2.4407, 0.3540



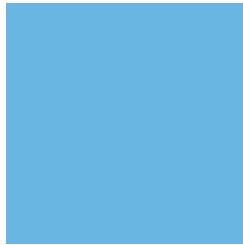
32.7058, 59.5943, -6.6541



8.9904, 16.5582, -3.1976

Previews

White Background



This preview shows how the HunterLab color 64.8584, -12.9471, -26.6949 looks on a white background.

Color Contrast Check

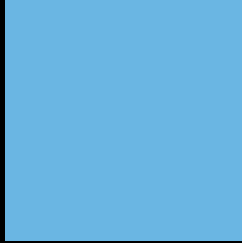
Large Text (above 18pt) WCAG AA × Fail

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 64.8584, -12.9471, -26.6949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

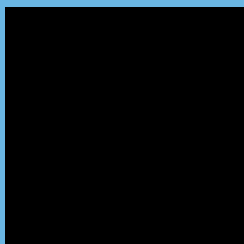
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

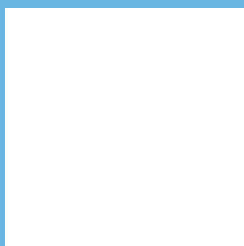
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.8584, -12.9471, -26.6949 Background



This preview shows how black text looks on a background with the HunterLab color 64.8584, -12.9471, -26.6949.



This preview shows how white text looks on a background with the HunterLab color 64.8584,

-12.9471, -26.6949.

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

64.8584, -12.9471, -26.6949

Protanopia

64.6663, 2.8973, -21.5482

Deuteranopia

64.6001, 5.0973, -28.8137



Tritanopia

64.7483, -21.9226, -11.6528

Trichromacy



Original Color

64.8584, -12.9471, -26.6949

Protanomaly

64.4954, -3.5472, -23.8499

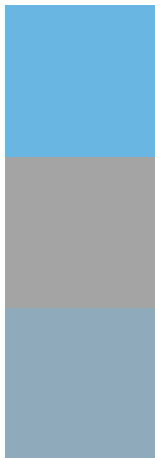
Deuteranomaly

64.3570, -1.8853, -28.6689

Tritanomaly

64.8925, -19.0413, -16.6542

Monochromacy



Original Color

64.8584, -12.9471, -26.6949

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

62.0913, -8.4436, -6.7801

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8584, -12.9471, -26.6949 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(106, 182, 227)` looks like.

```
.text, #text, p{  
    color:rgb(106, 182, 227)  
}
```

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(106, 182, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 182, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8584, -12.9471, -26.6949 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(106, 182, 227) }
```


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

```
.border{ border-color:rgb(106, 182, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 182, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 182, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 182, 227);  
box-shadow:4px 4px 4px 4px rgb(106, 182,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8584, -12.9471, -26.6949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 182, 227) }
```

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

```
.background{ background-color: rgb(106,  
182, 227) }
```

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