

Converting Colors

HunterLab(66.4144, -16.4847,
-16.1583)

Have a look what the booklet for
HunterLab(66.4144, -16.4847,
-16.1583) contains.

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Color

**HunterLab(66.4144,
-16.4847, -16.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	74BBD6
RGB	116, 187, 214
RGB Percent	45%, 73%, 84%
CMY	0.5451, 0.2667, 0.1608
CMYK	0.46, 0.13, 0.00, 0.16
HSL	197°, 54%, 65%
HSV	197°, 46%, 84%
XYZ	37.1104, 44.1087, 70.1763
YIQ	168.8490, -50.9830, -6.6550

Conversions

Conversions Part 2

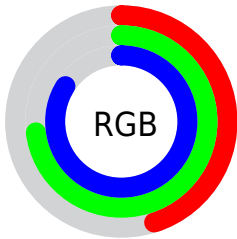
Format	Color
RYB	116, 157, 214
Decimal	7650262
CIELab	72.30, -15.16, -20.51
CIElCh	72, 25.510, 233.530
Yxy	44.1104, 0.2451, 0.2914
Android (android.graphics.Color)	4285840342 (0xFF74BBD6)
YUV	168.8490, 22.2594, -46.3486
Hunter-Lab	66.4144, -16.4847, -16.1583

Details

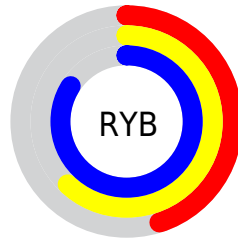
The HunterLab color $66.4144, -16.4847, -16.1583$ is a light color, and the websafe version is hex $66CCFF$. A complement of this color would be $59.3321, 18.6365, 20.3739$, and the grayscale version is $62.8536, -3.3537, 3.4150$.

A 20% lighter version of the original color is $89.4940, -22.7529, -7.9304$, and $45.2584, -13.7837, -15.3236$ is the 20% darker color. If you saturate the color by 10%, you get $63.5282, -17.4352, -20.5344$, and if you desaturate by 10%, it is $69.5003, -14.8643, -11.7073$.

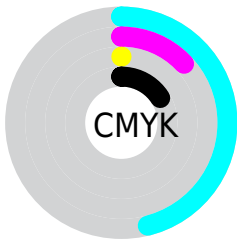
Distribution



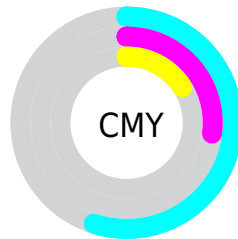
- Red (45%)
- Green (73%)
- Blue (84%)



- Red (45%)
- Yellow (62%)
- Blue (84%)



- Cyan (46%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (55%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.4144, -16.4847, -16.1583 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 66.4144, -16.4847, -16.1583 by changing the saturation by 10% instead.

■ 66.4144, -16.4847,
-16.1583

■ 66.4144, -16.4847,
-16.1583

190.5672,
-28.9400, -15.9357

■ 55.4593, -15.0826,
-15.9080

■ 90.2130, -19.2536,
-16.4702

■ 45.1820, -13.6579,
-15.5936

■ 102.9917,
-20.6298, -16.5405

■ 35.6320, -12.1990,
-15.2135

■ 116.3227,
-22.0052, -16.5576

■ 26.8698, -10.6877,
-14.7731

130.1838,
-23.3822, -16.5243

■ 18.9736, -9.0933,
-14.2954

144.5555,
-24.7629, -16.4432

■ 12.0516, -7.3596,
-13.8596

159.4203,

■ 5.0485, -8.8348,

-26.1486, -16.3166

-19.0320

174.7623,
-27.5407, -16.1468

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 66.4144, -16.4847,
-16.1583

■ 66.4144, -16.4847,
-16.1583

■ 63.5282, -17.4352,
-20.5344

■ 69.5003, -14.8643,
-11.7073

■ 60.8457, -17.6722,
-24.8091

■ 72.7726, -12.6242,
-7.2114

■ 58.3726, -17.1698,
-28.9507

■ 76.2218, -9.8201,
-2.6913

■ 56.1081, -15.9287,
-32.9324


■ 79.8372, -6.5068,
1.8354

■ 54.0417, -13.9916,


■ 83.6079, -2.7370,


-36.7423


6.3557

 53.2095, -13.0526,
-38.3304

 87.5237, 1.4405,
10.8603

 90.4170, 2.0670,
14.0331

 92.2263, -1.0461,
15.9119

 94.0603, -4.1402,
17.7853

Harmonies

Analogous

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



66.4157, -23.0698, -5.5778



66.4144, -16.4847, -16.1583



66.4157, -6.0811, -21.5636

Triad

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



66.4157, -16.4851, -16.1572



66.4157, 20.4976, 1.1405



66.4157, -12.3527, 20.4955

Complementary

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



66.4144, -16.4847, -16.1583



59.3321, 18.6365, 20.3739

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.



66.4157, -0.9750, 21.6630



66.4144, -16.4847, -16.1583



66.4157, 18.5281, 11.6569

Square

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



66.4157, -16.4851, -16.1572



66.4157, 15.6722, -10.5140



66.4157, 10.4634, 18.7167



66.4157, -20.8028, 15.1925

Rectangle

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



66.4144, -16.4847, -16.1583



66.4157, 1.8369, -20.9384



66.4157, 10.4634, 18.7167



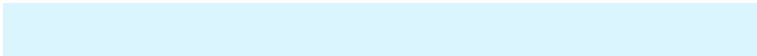
66.4157, -8.7653, 21.3414

Sweetspot

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



66.4157, -16.4851, -16.1572



93.6649, -11.3485, -2.3696



73.3241, -40.3314, 23.7392



42.8980, -5.6310, -1.6528

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.4157, -16.4851, -16.1572



77.5532, -21.2436, -24.9123



51.9577, 7.1729, -40.4554



36.7456, -3.6343, 0.0903



41.5873, -10.4698, -29.3791



10.8553, -3.4874, -6.0398

Inverse Universe

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



55.1145, 42.6452, -15.8695



62.0009, 63.6152, -23.0413



72.7173, -5.6368, 31.2363



35.4565, 2.3921, -0.0768



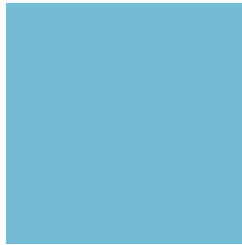
31.7660, 58.9638, -14.8494



7.8885, 14.7907, -4.8362

Previews

White Background



This preview shows how the HunterLab color 66.4144, -16.4847, -16.1583 looks on a white background.

Color Contrast Check

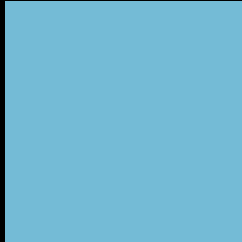
Large Text (above 18pt) WCAG AA × Fail

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 66.4144, -16.4847, -16.1583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

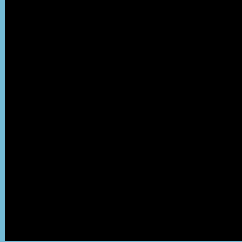
Any Text WCAG AA ✓ Pass

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 66.4144, -16.4847, -16.1583 Background



This preview shows how black text looks on a background with the HunterLab color 66.4144, -16.4847, -16.1583.



This preview shows how white text looks on a background with the HunterLab color 66.4144, -16.4847, -16.1583.

-16.4847, -16.1583.

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

66.4144, -16.4847, -16.1583

Protanopia

66.1620, 0.9425, -11.5423

Deuteranopia

66.1673, 4.7988, -17.9666



Tritanopia

66.5323, -20.0972, -10.2631

Trichromacy



Original Color

66.4144, -16.4847, -16.1583

Protanomaly

65.8961, -5.9060, -13.7729

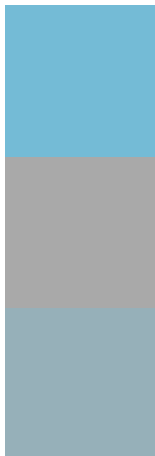
Deuteranomaly

65.9349, -3.6755, -17.8541

Tritanomaly

66.4063, -18.6156, -12.6863

Monochromacy



Original Color

66.4144, -16.4847, -16.1583

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

64.0605, -9.3982, -3.1717

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.4144, -16.4847, -16.1583 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(116, 187, 214)` looks like.

```
.text, #text, p{  
    color:rgb(116, 187, 214)  
}
```

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(116, 187, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 187, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 66.4144, -16.4847, -16.1583 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(116, 187, 214) }
```


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

```
.border{ border-color:rgb(116, 187, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 187, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 187, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 187, 214);  
box-shadow:4px 4px 4px 4px rgb(116, 187,  
214) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.4144, -16.4847, -16.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 187, 214) }
```

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

```
.background{ background-color: rgb(116,  
187, 214) }
```

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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