

Converting Colors

HunterLab(46.2633, 6.8935,
-64.5083)

Have a look what the booklet for
HunterLab(46.2633, 6.8935,
-64.5083) contains.

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Color

**HunterLab(46.2633, 6.8935,
-64.5083)**

Conversions

Conversions Part 1

Format	Color
Hex	327FE3
RGB	50, 127, 227
RGB Percent	20%, 50%, 89%
CMY	0.8039, 0.5020, 0.1098
CMYK	0.78, 0.44, 0.00, 0.11
HSL	214°, 76%, 54%
HSV	214°, 78%, 89%
XYZ	22.7699, 21.4029, 75.6042
YIQ	115.3770, -77.9920, 14.7760

Conversions

Conversions Part 2

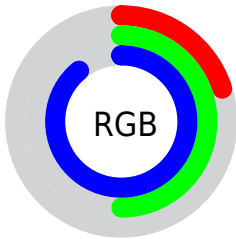
Format	Color
R _Y B	50, 104, 227
Decimal	3309539
CIE Lab	53.39, 11.45, -57.47
CIE LCh	53, 58.598, 281.270
Yxy	21.4036, 0.1901, 0.1787
Android (android.graphics.Color)	4281499619 (0xFF327FE3)
YUV	115.3770, 55.0301, -57.3356
Hunter-Lab	46.2633, 6.8935, -64.5083

Details

The HunterLab color **46.2633, 6.8935, -64.5083** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **61.9505, 15.9548, 35.5634**, and the grayscale version is **41.3689, -2.2073, 2.2476**.

A 20% lighter version of the original color is **65.9736, -1.6679, -44.3999**, and **29.2100, 10.8880, -60.0140** is the 20% darker color. If you saturate the color by 10%, you get **42.2582, 12.0606, -75.7135**, and if you desaturate by 10%, it is **50.6528, 2.7845, -53.8050**.

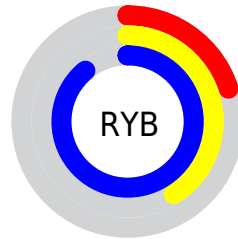
Distribution



Red (20%)

Green (50%)

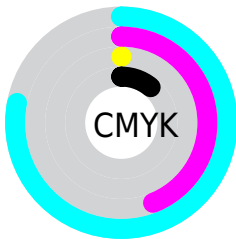
Blue (89%)



Red (20%)

Yellow (41%)

Blue (89%)

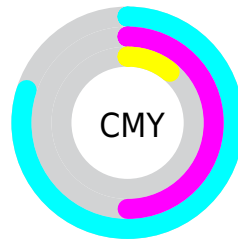


Cyan (78%)

Magenta (44%)

Yellow (0%)

Black (11%)



Cyan (80%)

Magenta (50%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.2633, 6.8935, -64.5083 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 46.2633, 6.8935, -64.5083 by changing the saturation by 10% instead.

■ 46.2633, 6.8935,
-64.5083

■ 46.2633, 6.8935,
-64.5083

161.0638, 5.2911,
-71.0568

■ 36.6324, 6.7632,
-64.3528

■ 67.6448, 6.9273,
-65.6483

■ 27.7811, 6.5391,
-64.8181

■ 79.3079, 6.8455,
-66.3999

■ 19.7863, 6.2046,
-66.5320

■ 91.5735, 6.7064,
-67.1944

■ 12.7519, 5.7329,
-71.0950

■ 104.4134, 6.5146,
-68.0012

■ 6.1247, 7.8204,
-94.6610

■ 117.8029, 6.2742,
-68.8012

0.0000, NaN, -NF

0.0000, NaN, -NF

131.7203, 5.9884,

-69.5819

0.0000, NaN, -NF

146.1464, 5.6599,
-70.3355

0.0000, NaN, NaN

■ 46.2633, 6.8935,
-64.5083

■ 46.2633, 6.8935,
-64.5083

■ 42.2582, 12.0606,
-75.7135

■ 50.6528, 2.7845,
-53.8050

■ 38.6668, 18.2468,
-87.2889

■ 55.3807, -0.3436,
-43.6843

■ 37.9750, 19.5749,
-89.7220

■ 60.4061, -2.5998,
-34.1545

■ 65.6922, -4.1008,
-25.1835

■ 71.2078, -4.9557,
-16.7193

■ 76.9266, -5.2605,
-8.7023

■ 82.8266, -5.0966,
-1.0740

■ 88.8894, -4.5323,
6.2199

■ 95.0996, -3.6241,
13.2280

Harmonies

Analogous

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



46.2640, -16.3729, -61.3042



46.2633, 6.8935, -64.5083



46.2640, 32.0614, -44.1008

Triad

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



46.2640, 6.8946, -64.5071



46.2640, 37.5610, 23.1208



46.2640, -38.5568, 14.5104

Complementary

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



46.2633, 6.8935, -64.5083



61.9505, 15.9548, 35.5634

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.



46.2640, -29.1383, 24.8506



46.2633, 6.8935, -64.5083



46.2640, 13.2949, 27.7822

Square

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



46.2640, 6.8946, -64.5071



46.2640, 52.0241, 10.3001



46.2640, -11.1462, 28.1941



46.2640, -39.5791, -6.9055

Rectangle

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



46.2633, 6.8935, -64.5083



46.2640, 45.3322, -23.9339



46.2640, -11.1462, 28.1941



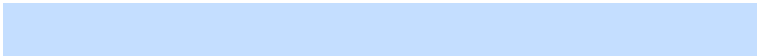
46.2640, -36.3737, 19.0368

Sweetspot

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



46.2640, 6.8946, -64.5071



84.3635, -5.8942, -14.6084



75.9835, -52.9107, 24.2403



37.9401, -2.6492, -8.3130

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.2640, 6.8946, -64.5071



45.4454, 18.3365, -95.1049



29.5875, 49.5878, -126.5300



38.6178, -2.4264, -1.0328



29.3819, 14.1051, -67.1736



9.0549, 1.6590, -14.8991

Inverse Universe

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



44.8841, 67.2101, 2.3104



47.9121, 82.9809, 9.1574



83.7244, -24.9853, 49.0151



38.0416, 2.1030, 1.2500



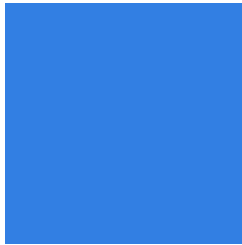
31.7320, 56.0594, 7.1916



8.7318, 15.6251, 0.4365

Previews

White Background



This preview shows how the HunterLab color 46.2633, 6.8935, -64.5083 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 46.2633, 6.8935, -64.5083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

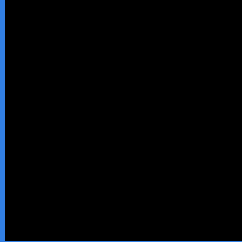
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

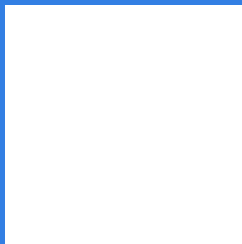
Any Text WCAG AAA × Fail

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

HunterLab 46.2633, 6.8935, -64.5083 Background



This preview shows how black text looks on a background with the HunterLab color 46.2633, 6.8935, -64.5083.



This preview shows how white text looks on a background with the HunterLab color 46.2633, 6.8935, -64.5083.

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

46.2633, 6.8935, -64.5083

Protanopia

46.0425, 11.3478, -61.3288

Deuteranopia

46.3610, 4.3210, -64.2967



Tritanopia

46.1347, -22.2705, -9.5887

Trichromacy



Original Color

46.2633, 6.8935, -64.5083

Protanomaly

45.8937, 9.5956, -62.6585

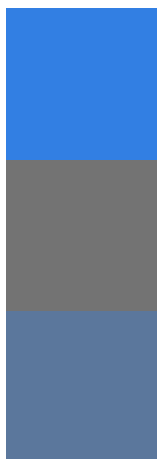
Deuteranomaly

46.2163, 5.2960, -64.6599

Tritanomaly

45.8166, -13.2061, -27.1886

Monochromacy



Original Color

46.2633, 6.8935, -64.5083

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

42.2115, -2.3544, -18.2087

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.2633, 6.8935, -64.5083 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(50, 127, 227)` looks like.

```
.text, #text, p{  
    color:rgb(50, 127, 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(50, 127, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 127, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 46.2633, 6.8935, -64.5083 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(50, 127, 227) }
```


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

```
.border{ border-color:rgb(50, 127, 227) }
```

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

Here you see how a box with a 4 pixel rgb(50, 127, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 127, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 127, 227);  
box-shadow:4px 4px 4px 4px rgb(50, 127,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.2633, 6.8935, -64.5083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 127, 227) }
```

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

```
.background{ background-color: rgb(50, 127,  
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](#).

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