

Converting Colors

HunterLab(42.4763, -10.4895,
-79.0369)

Have a look what the booklet for
HunterLab(42.4763, -10.4895,
-79.0369) contains.

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Color

**HunterLab(46.6206, 4.2033,
-67.3454)**

Conversions

Conversions Part 1

Format	Color
Hex	0082E7
RGB	0, 130, 231
RGB Percent	0%, 51%, 91%
CMY	0.9998, 0.4902, 0.0941
CMYK	1.00, 0.44, 0.00, 0.09
HSL	206°, 100%, 45%
HSV	206°, 100%, 91%
XYZ	22.4064, 21.7348, 78.6156
YIQ	102.6440, -109.9010, 3.8510

Conversions

Conversions Part 2

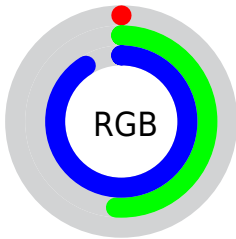
Format	Color
R_{YB}	0, 83, 231
Decimal	33511
CIE Lab	53.75, 8.25, -59.17
CIE LCh	54, 59.747, 277.940
Yxy	21.7354, 0.1825, 0.1771
Android (android.graphics.Color)	4278223591 (0xFF0082E7)
YUV	102.6440, 63.2795, -90.0188
Hunter-Lab	46.6206, 4.2033, -67.3454

Details

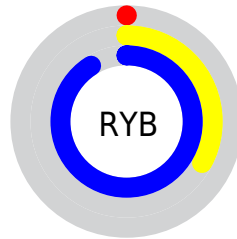
The HunterLab color **46.6206, 4.2033, -67.3454** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **51.2917, 41.1438, 32.3240**, and the grayscale version is **36.4997, -1.9475, 1.9831**.

A 20% lighter version of the original color is **66.1363, -5.8314, -44.1634**, and **30.2154, 10.6599, -60.7783** is the 20% darker color. If you saturate the color by 10%, you get **46.6132, 4.2169, -67.3656**, and if you desaturate by 10%, it is **49.7394, -0.2899, -59.4743**.

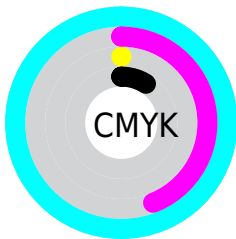
Distribution



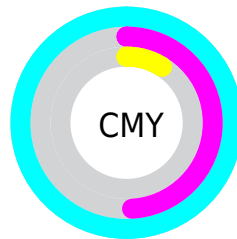
- Red (0%)
- Green (51%)
- Blue (91%)



- Red (0%)
- Yellow (33%)
- Blue (91%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (49%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.6206, 4.2033, -67.3454 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 46.6206, 4.2033, -67.3454 by changing the saturation by 10% instead.

■ 46.6206, 4.2033,
-67.3454

■ 46.6206, 4.2033,
-67.3454

■ 161.6049, 1.3458,
-73.9280

■ 36.9630, 4.2502,
-67.2577

■ 68.0502, 3.9135,
-68.4284

■ 28.0827, 4.2160,
-67.8382

■ 79.7353, 3.6820,
-69.1744

■ 20.0558, 4.0870,
-69.7494

■ 92.0219, 3.3998,
-69.9727

■ 12.9849, 3.8403,
-74.6658

■ 104.8818, 3.0709,
-70.7902

■ 6.4390, 5.2410,
-97.0049

■ 118.2905, 2.6986,
-71.6059

0.0000, NaN, -NF

0.0000, NaN, -NF

132.2264, 2.2854,

-72.4062

0.0000, NaN, -NF

146.6703, 1.8338,
-73.1821

0.0000, NaN, NaN

■ 46.6206, 4.2033,
-67.3454

■ 46.6206, 4.2033,
-67.3454

■ 46.6132, 4.2169,
-67.3656

■ 49.7394, -0.2899,
-59.4743

■ 53.1366, -3.9629,
-51.6836

■ 56.8303, -6.7068,
-43.9728

■ 60.8052, -8.5484,
-36.3998

■ 65.0408, -9.5510,
-29.0066

■ 69.5155, -9.7943,
-21.8173

■ 74.2082, -9.3611,
-14.8406

■ 79.0992, -8.3312,
-8.0738

■ 84.1707, -6.7772,
-1.5071

Harmonies

Analogous

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



46.6213, -18.9131, -61.1233



46.6206, 4.2033, -67.3454



46.6213, 30.1923, -48.5171

Triad

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



46.6213, 4.2046, -67.3442



46.6213, 40.8366, 22.5521



46.6213, -38.6408, 16.4383

Complementary

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



46.6206, 4.2033, -67.3454



51.2917, 41.1438, 32.3240

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.



46.6213, -28.0866, 25.8652



46.6206, 4.2033, -67.3454



46.6213, 16.5771, 27.9082

Square

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



46.6213, 4.2046, -67.3442



46.6213, 54.0141, 8.3189



46.6213, -8.8271, 28.6913



46.6213, -40.6070, -4.0941

Rectangle

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



46.6206, 4.2033, -67.3454



46.6213, 44.5867, -28.1076



46.6213, -8.8271, 28.6913



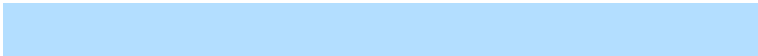
46.6213, -36.1035, 20.6225

Sweetspot

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



46.6213, 4.2046, -67.3442



82.9123, -10.4875, -16.7468



76.2072, -61.0238, 36.4834



37.3172, -4.9845, -9.2659

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.6213, 4.2046, -67.3442



51.9698, 5.0328, -75.8221



24.7480, 62.0108, -164.7874



39.0204, -3.0883, -0.5406



35.2595, 2.5138, -49.4979



10.5019, -0.8802, -11.2262

Inverse Universe

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



43.1301, 77.5906, -1.0973



48.2262, 86.7310, -0.9468



81.1780, -15.8235, 49.7432



38.0830, 2.3255, 0.6598



32.3307, 58.2393, -1.3711



8.8939, 16.2116, -1.8538

Previews

White Background



This preview shows how the HunterLab color 46.6206, 4.2033, -67.3454 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 46.6206, 4.2033, -67.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

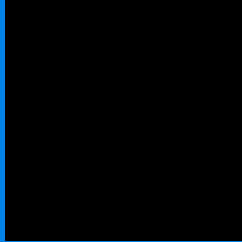
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

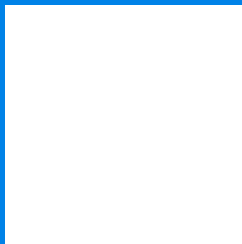
Any Text WCAG AAA × Fail

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

HunterLab 46.6206, 4.2033, -67.3454 Background



This preview shows how black text looks on a background with the HunterLab color 46.6206, 4.2033, -67.3454.



This preview shows how white text looks on a background with the HunterLab color 46.6206, 4.2033, -67.3454.

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

46.6206, 4.2033, -67.3454

Protanopia

46.4767, 11.5767, -62.0314

Deuteranopia

46.6206, 4.2033, -67.3454



Tritanopia

46.4898, -22.4565, -9.6311

Trichromacy



Original Color

46.6206, 4.2033, -67.3454

Protanomaly

46.0411, 7.5988, -65.0823

Deuteranomaly

46.6206, 4.2033, -67.3454

Tritanomaly

46.3823, -14.0944, -27.5480

Monochromacy



Original Color

46.6206, 4.2033, -67.3454

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

38.9493, -5.5734, -20.0199

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.6206, 4.2033, -67.3454 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(0, 130, 231)` looks like.

```
.text, #text, p{  
    color:rgb(0, 130, 231)  
}
```

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(0, 130, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 130, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 46.6206, 4.2033, -67.3454 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(0, 130, 231) }
```


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

```
.border{ border-color:rgb(0, 130, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 130, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 130, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 130, 231);  
box-shadow:4px 4px 4px 4px rgb(0, 130,  
231) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.6206, 4.2033, -67.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 130, 231) }
```

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

```
.background{ background-color: rgb(0, 130,  
231) }
```

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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