

Converting Colors

HunterLab(34.3328, -45.4540,
-114.1508)

Have a look what the booklet for
HunterLab(34.3328, -45.4540,
-114.1508) contains.

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Color

**HunterLab(47.0883, 4.6597,
-68.9153)**

Conversions

Conversions Part 1

Format	Color
Hex	0083EA
RGB	0, 131, 234
RGB Percent	0%, 51%, 92%
CMY	0.9998, 0.4863, 0.0824
CMYK	1.00, 0.44, 0.00, 0.08
HSL	206°, 100%, 46%
HSV	206°, 100%, 92%
XYZ	22.9675, 22.1731, 80.9111
YIQ	103.5730, -111.1390, 4.2610

Conversions

Conversions Part 2

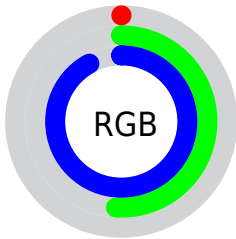
Format	Color
RYB	0, 84, 234
Decimal	33770
CIELab	54.21, 8.80, -60.10
CIElCh	54, 60.742, 278.333
Yxy	22.1737, 0.1822, 0.1759
Android (android.graphics.Color)	4278223850 (0xFF0083EA)
YUV	103.5730, 64.3005, -90.8335
Hunter-Lab	47.0883, 4.6597, -68.9153

Details

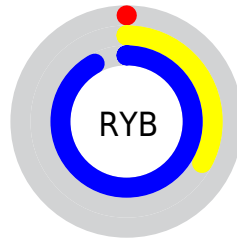
The HunterLab color **47.0883, 4.6597, -68.9153** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **52.1589, 41.4659, 32.8640**, and the grayscale version is **36.8469, -1.9661, 2.0020**.

A 20% lighter version of the original color is **66.4927, -6.1716, -43.4951**, and **30.5955, 10.8036, -61.5636** is the 20% darker color. If you saturate the color by 10%, you get **47.0808, 4.6737, -68.9360**, and if you desaturate by 10%, it is **50.2668, 0.0460, -60.8405**.

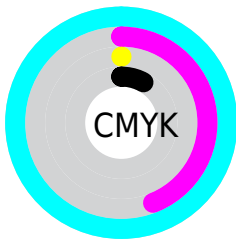
Distribution



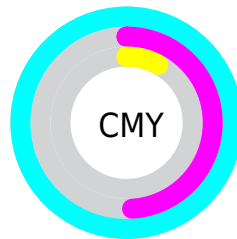
- Red (0%)
- Green (51%)
- Blue (92%)



- Red (0%)
- Yellow (33%)
- Blue (92%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (49%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0883, 4.6597, -68.9153 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 47.0883, 4.6597, -68.9153 by changing the saturation by 10% instead.

■ 47.0883, 4.6597,
-68.9153

■ 47.0883, 4.6597,
-68.9153

■ 162.3121, 1.9963,
-75.5211

■ 37.3960, 4.6799,
-68.8529

■ 68.5806, 4.4194,
-69.9759

■ 28.4780, 4.6174,
-69.4730

■ 80.2944, 4.2109,
-70.7200

■ 20.4093, 4.4582,
-71.4417

■ 92.6082, 3.9508,
-71.5205

■ 13.2910, 4.1791,
-76.4268

■ 105.4942, 3.6432,
-72.3432

■ 6.8276, 5.2533,
-96.3837

■ 118.9279, 3.2914,
-73.1666

0.0000, NaN, -NF

0.0000, NaN, -NF

132.8879, 2.8981,

-73.9763

0.0000, NaN, -NF

147.3550, 2.4657,
-74.7632

0.0000, NaN, NaN

■ 47.0883, 4.6597,
-68.9153

■ 47.0883, 4.6597,
-68.9153

■ 47.0808, 4.6737,
-68.9360

■ 50.2668, 0.0460,
-60.8405

■ 53.7312, -3.7295,
-52.8520

■ 57.4986, -6.5575,
-44.9519

■ 61.5533, -8.4661,
-37.1995

■ 65.8739, -9.5207,
-29.6377

■ 70.4381, -9.8027,
-22.2903

■ 75.2242, -9.3974,
-15.1652

■ 80.2121, -8.3860,
-8.2589

■ 85.3834, -6.8430,
-1.5604

Harmonies

Analogous

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



47.0890, -18.9925, -62.8784



47.0883, 4.6597, -68.9153



47.0890, 31.1890, -49.3151

Triad

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



47.0890, 4.6610, -68.9141



47.0890, 41.4722, 23.0286



47.0890, -39.4004, 16.5220

Complementary

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



47.0883, 4.6597, -68.9153



52.1589, 41.4659, 32.8640

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.



47.0890, -28.7909, 26.1839



47.0883, 4.6597, -68.9153



47.0890, 16.5948, 28.3417

Square

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



47.0890, 4.6610, -68.9141



47.0890, 55.1600, 8.7243



47.0890, -9.2856, 29.0816



47.0890, -41.2854, -4.5624

Rectangle

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



47.0883, 4.6597, -68.9153



47.0890, 45.8197, -28.3448



47.0890, -9.2856, 29.0816



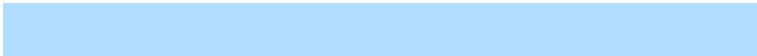
47.0890, -36.8617, 20.8142

Sweetspot

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



47.0890, 4.6610, -68.9141



82.8404, -10.3732, -16.8478



77.3269, -61.9291, 37.0382



37.2793, -4.9245, -9.3209

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.0890, 4.6610, -68.9141



51.7524, 5.4276, -76.4026



25.1027, 62.9623, -167.2849



39.9344, -3.1481, -0.5719



35.6525, 2.8549, -50.7254



10.9055, -0.7703, -11.9680

Inverse Universe

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



43.7408, 78.6459, -0.7766



48.2026, 86.6454, -0.6117



82.3684, -16.0508, 50.4728



38.9811, 2.3866, 0.6859



32.8268, 59.0992, -1.1311



9.3031, 16.9379, -1.7874

Previews

White Background



This preview shows how the HunterLab color 47.0883, 4.6597, -68.9153 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 47.0883, 4.6597, -68.9153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

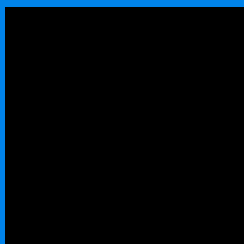
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

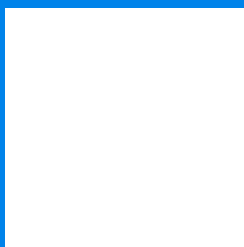
Any Text WCAG AAA × Fail

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

HunterLab 47.0883, 4.6597, -68.9153 Background



This preview shows how black text looks on a background with the HunterLab color 47.0883, 4.6597, -68.9153.



This preview shows how white text looks on a background with the HunterLab color 47.0883, 4.6597, -68.9153.

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

47.0883, 4.6597, -68.9153

Protanopia

47.1937, 11.4301, -62.9311

Deuteranopia

47.0274, 4.3351, -68.1385



Tritanopia

46.8453, -22.6427, -9.6736

Trichromacy



Original Color

47.0883, 4.6597, -68.9153

Protanomaly

46.7777, 7.5011, -65.9319

Deuteranomaly

47.0274, 4.3351, -68.1385

Tritanomaly

46.7361, -14.2775, -27.5950

Monochromacy



Original Color

47.0883, 4.6597, -68.9153

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

39.2775, -5.7932, -20.0946

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0883, 4.6597, -68.9153 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, 131, 234)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 234)  
}
```

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, 131, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 234) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0883, 4.6597, -68.9153 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, 131, 234) }
```


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

```
.border{ border-color:rgb(0, 131, 234) }
```

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

Here you see how a box with a 4 pixel rgb(0, 131, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 234);  
box-shadow:4px 4px 4px 4px rgb(0, 131,  
234) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0883, 4.6597, -68.9153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 131, 234) }
```

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

```
.background{ background-color: rgb(0, 131,  
234) }
```

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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