

Converting Colors

HunterLab(46.8310, 15.5464,
-88.2642)

Have a look what the booklet for
HunterLab(46.8310, 15.5464,
-88.2642) contains.

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Color

**HunterLab(46.7231, 15.9006,
-88.8541)**

Conversions

Conversions Part 1

Format	Color
Hex	217CFD
RGB	33, 124, 253
RGB Percent	13%, 49%, 99%
CMY	0.8705, 0.5137, 0.0078
CMYK	0.87, 0.51, 0.00, 0.01
HSL	215°, 98%, 56%
HSV	215°, 87%, 99%
XYZ	25.5645, 21.8305, 95.7948
YIQ	111.4970, -95.6450, 20.8270

Conversions

Conversions Part 2

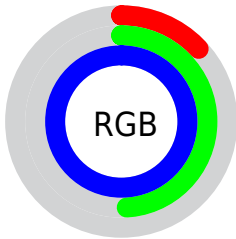
Format	Color
RYP	33, 97, 253
Decimal	2194685
CIELab	53.85, 21.69, -71.22
CIElCh	54, 74.446, 286.940
Yxy	21.8311, 0.1785, 0.1525
Android (android.graphics.Color)	4280384765 (0xFF217CFD)
YUV	111.4970, 69.7610, -68.8419
Hunter-Lab	46.7231, 15.9006, -88.8541

Details

The HunterLab color **46.7231, 15.9006, -88.8541** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **68.4427, 20.2990, 41.2811**, and the grayscale version is **39.8313, -2.1253, 2.1641**.

A 20% lighter version of the original color is **65.0106, -0.3129, -46.2291**, and **30.4103, 20.1780, -81.5688** is the 20% darker color. If you saturate the color by 10%, you get **42.5604, 23.2930, -102.8242**, and if you desaturate by 10%, it is **51.3999, 9.7290, -75.3514**.

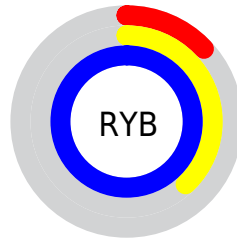
Distribution



Red (13%)

Green (49%)

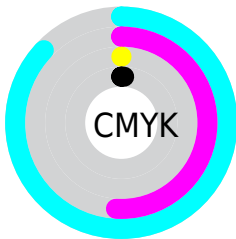
Blue (99%)



Red (13%)

Yellow (38%)

Blue (99%)

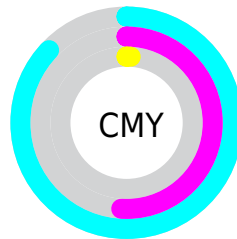


Cyan (87%)

Magenta (51%)

Yellow (0%)

Black (1%)



Cyan (87%)

Magenta (51%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7231, 15.9006, -88.8541 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 46.7231, 15.9006, -88.8541 by changing the saturation by 10% instead.

■ 46.7231, 15.9006,
-88.8541

■ 46.7231, 15.9006,
-88.8541

■ 161.7599, 18.1046,
-94.8687

■ 37.0578, 15.2516,
-89.5693

■ 68.1664, 16.9005,
-89.1596

■ 28.1693, 14.4802,
-91.4800

■ 79.8578, 17.2700,
-89.7515

■ 20.1331, 13.5691,
-95.6969

■ 92.1504, 17.5644,
-90.4896

■ 13.0518, 12.4978,
-105.0119

■ 105.0160, 17.7902,
-91.3141

■ 6.5262, 14.2280,
-140.3584

■ 118.4302, 17.9528,
-92.1865

0.0000, NaN, -NF

0.0000, NaN, -NF

132.3714, 18.0569,

-93.0807

0.0000, NaN, -NF

146.8204, 18.1063,
-93.9789

0.0000, NaN, -NF

■ 46.7231, 15.9006,
-88.8541

■ 46.7231, 15.9006,
-88.8541

■ 42.5604, 23.2930,
-102.8242

■ 51.3999, 9.7290,
-75.3514

■ 41.3761, 25.7099,
-107.2169

■ 56.5363, 4.7927,
-62.5341

■ 62.0750, 0.9991,
-50.4919

■ 67.9632, -1.7885,
-39.2225

■ 74.1553, -3.7123,
-28.6711

■ 80.6132, -4.9033,
-18.7605

■ 87.3053, -5.4747,
-9.4079

■ 94.2057, -5.5218,
-0.5341

■ 99.9359, -5.6869,
6.3475

Harmonies

Analogous

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



46.7237, -15.0554, -91.3519



46.7231, 15.9006, -88.8541



46.7237, 48.6995, -54.0394

Triad

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



46.7237, 15.9023, -88.8529



46.7237, 44.8148, 27.7338



46.7237, -47.0890, 13.5007

Complementary

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



46.7231, 15.9006, -88.8541



68.4427, 20.2990, 41.2811

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.



46.7237, -38.1658, 26.8844



46.7231, 15.9006, -88.8541



46.7237, 11.5494, 30.8078

Square

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



46.7237, 15.9023, -88.8529



46.7237, 68.1140, 16.0827



46.7237, -18.4246, 30.6484



46.7237, -46.4919, -16.8676

Rectangle

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



46.7231, 15.9006, -88.8541



46.7237, 64.8543, -25.1023



46.7237, -18.4246, 30.6484



46.7237, -45.2253, 19.5774

Sweetspot

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



46.7237, 15.9023, -88.8529



81.9592, -5.0261, -18.0252



85.5337, -61.5811, 28.1437



36.8568, -2.1774, -9.9024

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.7237, 15.9023, -88.8529



41.7331, 25.9764, -108.2383



29.8236, 65.4650, -165.2219



43.1413, -2.5931, -1.2918



30.6234, 17.7204, -76.5300



10.5941, 3.2937, -20.3518

Inverse Universe

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



48.4018, 80.1118, 7.8690



47.2116, 83.0315, 13.6064



93.7907, -31.7634, 56.3264



42.5578, 2.3670, 1.4997



34.1682, 60.1702, 9.2412



10.7603, 19.1357, 1.4622

Previews

White Background



This preview shows how the HunterLab color 46.7231, 15.9006, -88.8541 looks on a white background.

Color Contrast Check

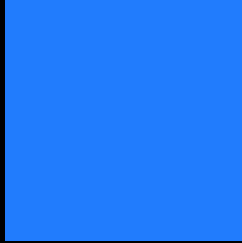
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.7231, 15.9006, -88.8541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

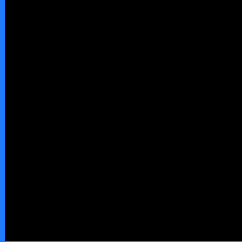
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

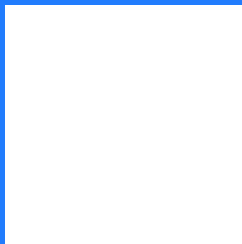
Any Text WCAG AAA × Fail

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

HunterLab 46.7231, 15.9006, -88.8541 Background



This preview shows how black text looks on a background with the HunterLab color 46.7231, 15.9006, -88.8541.



This preview shows how white text looks on a background with the HunterLab color 46.7231, 15.9006, -88.8541.

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

46.7231, 15.9006, -88.8541

Protanopia

46.6391, 16.8792, -88.0421

Deuteranopia

46.6676, 2.4090, -63.5307



Tritanopia

46.4547, -22.6640, -9.1393

Trichromacy



Original Color

46.7231, 15.9006, -88.8541

Protanomaly

46.5463, 16.5947, -88.3376

Deuteranomaly

46.4464, 7.1539, -72.5559

Tritanomaly

45.8661, -10.6314, -33.4253

Monochromacy



Original Color

46.7231, 15.9006, -88.8541

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

41.1997, -0.9435, -24.4944

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7231, 15.9006, -88.8541 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(33, 124, 253)` looks like.

```
.text, #text, p{  
  color:rgb(33, 124, 253)  
}
```

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(33, 124, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 124, 253) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7231, 15.9006, -88.8541 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(33, 124, 253) }
```


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

```
.border{ border-color:rgb(33, 124, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 124, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 124, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 124, 253);  
box-shadow:4px 4px 4px 4px rgb(33, 124,  
253) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7231, 15.9006, -88.8541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 124, 253) }
```

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

```
.background{ background-color: rgb(33, 124,  
253) }
```

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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