

Converting Colors

HunterLab(46.6985, 13.8509,
-80.3919)

Have a look what the booklet for
HunterLab(46.6985, 13.8509,
-80.3919) contains.

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Color

**HunterLab(46.8111, 13.7220,
-80.3301)**

Conversions

Conversions Part 1

Format	Color
Hex	317DF5
RGB	49, 125, 245
RGB Percent	19%, 49%, 96%
CMY	0.8078, 0.5098, 0.0392
CMYK	0.80, 0.49, 0.00, 0.04
HSL	217°, 91%, 58%
HSV	217°, 80%, 96%
XYZ	25.0817, 21.9128, 89.2939
YIQ	115.9560, -83.8160, 21.2080

Conversions

Conversions Part 2

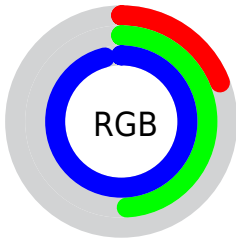
Format	Color
R _Y B	49, 104, 245
Decimal	3243509
CIE Lab	53.93, 19.27, -66.63
CIE LCh	54, 69.358, 286.129
Yxy	21.9134, 0.1840, 0.1608
Android (android.graphics.Color)	4281433589 (0xFF317DF5)
YUV	115.9560, 63.6187, -58.7204
Hunter-Lab	46.8111, 13.7220, -80.3301

Details

The HunterLab color **46.8111, 13.7220, -80.3301** 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 **69.2944, 13.7219, 40.4512**, and the grayscale version is **41.5617, -2.2176, 2.2581**.

A 20% lighter version of the original color is **65.5929, 0.1332, -45.0964**, and **29.8975, 17.7181, -75.6175** is the 20% darker color. If you saturate the color by 10%, you get **42.3614, 20.4512, -94.4480**, and if you desaturate by 10%, it is **51.7553, 8.2293, -66.9278**.

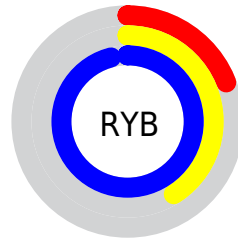
Distribution



Red (19%)

Green (49%)

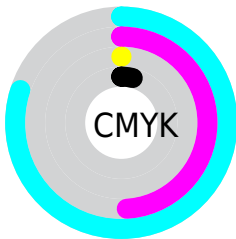
Blue (96%)



Red (19%)

Yellow (41%)

Blue (96%)

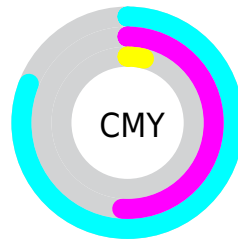


Cyan (80%)

Magenta (49%)

Yellow (0%)

Black (4%)



Cyan (81%)

Magenta (51%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.8111, 13.7220, -80.3301 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 46.8111, 13.7220, -80.3301 by changing the saturation by 10% instead.

■ 46.8111, 13.7220,
-80.3301

■ 46.8111, 13.7220,
-80.3301

161.8931, 15.0337,
-86.7254

■ 37.1393, 13.1927,
-80.6838

■ 68.2663, 14.4969,
-81.0008

■ 28.2436, 12.5468,
-82.0044

■ 79.9631, 14.7609,
-81.6743

■ 20.1996, 11.7658,
-85.2051

■ 92.2607, 14.9536,
-82.4535

■ 13.1094, 10.8257,
-92.5797

■ 105.1313, 15.0814,
-83.2902

■ 6.6002, 12.3879,
-121.3412

■ 118.5502, 15.1493,
-84.1534

0.0000, NaN, -NF

0.0000, NaN, -NF

132.4959, 15.1616,

-85.0222

0.0000, NaN, -NF

146.9493, 15.1220,
-85.8827

0.0000, NaN, -NF

■ 46.8111, 13.7220,
-80.3301

■ 46.8111, 13.7220,
-80.3301

■ 42.3614, 20.4512,
-94.4480

■ 51.7553, 8.2293,
-66.9278

■ 38.4405, 28.2641,
-109.0597

■ 57.1262, 3.9002,
-54.3897

■ 38.4379, 28.2699,
-109.0705

■ 62.8644, 0.6028,
-42.7277

■ 68.9186, -1.8100,
-31.8820

■ 75.2468, -3.4762,
-21.7618

■ 81.8145, -4.5158,
-12.2688

■ 88.5937, -5.0291,
-3.3100

■ 95.5616, -5.0986,
5.1977

■ 99.6858, -7.0597,
9.9222

Harmonies

Analogous

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



46.8117, -14.9308, -81.6162



46.8111, 13.7220, -80.3301



46.8117, 43.9378, -49.9147

Triad

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



46.8117, 13.7235, -80.3288



46.8117, 41.8722, 26.7080



46.8117, -44.7188, 13.4051

Complementary

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



46.8111, 13.7220, -80.3301



69.2944, 13.7219, 40.4512

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.



46.8117, -35.8278, 26.1962



46.8111, 13.7220, -80.3301



46.8117, 11.3801, 30.1665

Square

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



46.8117, 13.7235, -80.3288



46.8117, 62.6597, 14.8438



46.8117, -16.7771, 30.0614



46.8117, -44.3804, -14.3777

Rectangle

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



46.8111, 13.7220, -80.3301



46.8117, 58.9185, -23.8487



46.8117, -16.7771, 30.0614



46.8117, -42.8234, 19.1203

Sweetspot

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



46.8117, 13.7235, -80.3288



82.8015, -4.3562, -16.7982



82.9061, -57.1148, 24.0771



37.1755, -1.8279, -9.4207

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.8117, 13.7235, -80.3288



41.7268, 26.3965, -108.2551



31.6890, 57.2449, -141.1005



41.2071, -2.3363, -1.3289



28.6503, 19.6870, -78.3089



9.5635, 3.4515, -19.4044

Inverse Universe

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



48.0535, 73.6183, 6.9601



47.4380, 82.1940, 13.9295



90.3324, -30.8561, 53.2138



40.7295, 2.1977, 1.5663



33.0575, 58.0341, 10.3375



9.8993, 17.5673, 1.6343

Previews

White Background



This preview shows how the HunterLab color 46.8111, 13.7220, -80.3301 looks on a white background.

Color Contrast Check

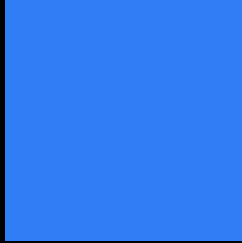
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.8111, 13.7220, -80.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

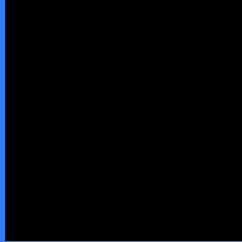
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

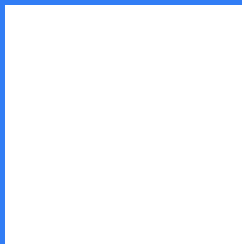
Any Text WCAG AAA × Fail

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

HunterLab 46.8111, 13.7220, -80.3301 Background



This preview shows how black text looks on a background with the HunterLab color 46.8111, 13.7220, -80.3301.



This preview shows how white text looks on a background with the HunterLab color 46.8111, 13.7220, -80.3301.

-80.3301.

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

46.8111, 13.7220, -80.3301

Protanopia

46.8391, 15.0622, -79.2133

Deuteranopia

46.7865, 3.0469, -65.0564



Tritanopia

46.4898, -22.4565, -9.6311

Trichromacy



Original Color

46.8111, 13.7220, -80.3301

Protanomaly

46.7085, 14.6561, -79.6040

Deuteranomaly

46.7197, 6.4792, -70.8427

Tritanomaly

46.1325, -11.4076, -31.4767

Monochromacy



Original Color

46.8111, 13.7220, -80.3301

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

42.5597, -0.5739, -22.0563

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.8111, 13.7220, -80.3301 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(49, 125, 245)` looks like.

```
.text, #text, p{  
  color:rgb(49, 125, 245)  
}
```

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(49, 125, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 125, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 46.8111, 13.7220, -80.3301 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(49, 125, 245) }
```


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

```
.border{ border-color:rgb(49, 125, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 125, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 125, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 125, 245);  
box-shadow:4px 4px 4px 4px rgb(49, 125,  
245) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.8111, 13.7220, -80.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 125, 245) }
```

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

```
.background{ background-color: rgb(49, 125,  
245) }
```

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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