

Converting Colors

HunterLab(46.5005, 17.0751,
-87.4180)

Have a look what the booklet for
HunterLab(46.5005, 17.0751,
-87.4180) contains.

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Color

**HunterLab(46.3815, 17.3198,
-87.7839)**

Conversions

Conversions Part 1

Format	Color
Hex	307AFB
RGB	48, 122, 251
RGB Percent	19%, 48%, 98%
CMY	0.8117, 0.5216, 0.0157
CMYK	0.81, 0.51, 0.00, 0.02
HSL	218°, 96%, 59%
HSV	218°, 81%, 98%
XYZ	25.5910, 21.5124, 94.0702
YIQ	114.5800, -85.5130, 24.4310

Conversions

Conversions Part 2

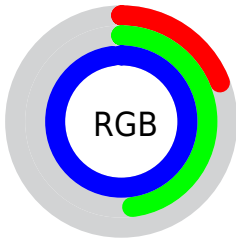
Format	Color
R _Y B	48, 102, 251
Decimal	3177211
CIE Lab	53.51, 23.27, -70.65
CIE LCh	54, 74.381, 288.232
Yxy	21.5130, 0.1813, 0.1524
Android (android.graphics.Color)	4281367291 (0xFF307AFB)
YUV	114.5800, 67.2551, -58.3907
Hunter-Lab	46.3815, 17.3198, -87.7839

Details

The HunterLab color **46.3815, 17.3198, -87.7839** 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 **72.2323, 12.0886, 42.4238**, and the grayscale version is **41.0191, -2.1887, 2.2286**.

A 20% lighter version of the original color is **64.7516, 1.8873, -46.6952**, and **29.8034, 20.5639, -81.6433** is the 20% darker color. If you saturate the color by 10%, you get **41.7903, 24.7793, -103.3005**, and if you desaturate by 10%, it is **51.5261, 11.1625, -73.0737**.

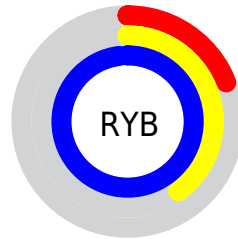
Distribution



Red (19%)

Green (48%)

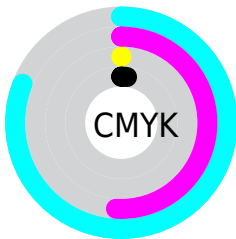
Blue (98%)



Red (19%)

Yellow (40%)

Blue (98%)

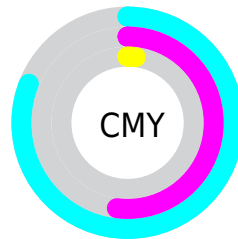


Cyan (81%)

Magenta (51%)

Yellow (0%)

Black (2%)



Cyan (81%)

Magenta (52%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.3815, 17.3198, -87.7839 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 46.3815, 17.3198, -87.7839 by changing the saturation by 10% instead.

■ 46.3815, 17.3198,
-87.7839

■ 46.3815, 17.3198,
-87.7839

161.2428, 20.1177,
-93.8156

■ 36.7417, 16.5907,
-88.4810

■ 67.7789, 18.4695,
-88.1111

■ 27.8808, 15.7360,
-90.3691

■ 79.4492, 18.9093,
-88.7084

■ 19.8754, 14.7387,
-94.5650

■ 91.7218, 19.2714,
-89.4489

■ 12.8289, 13.5820,
-103.8966

■ 104.5683, 19.5624,
-90.2738

■ 6.2304, 16.0473,
-142.5029

117.9642, 19.7881,
-91.1448

0.0000, NaN, -NF

0.0000, NaN, -NF

131.8877, 19.9532,

-92.0362

0.0000, NaN, -NF

146.3197, 20.0619,
-92.9305

0.0000, NaN, -NF

■ 46.3815, 17.3198,
-87.7839

■ 46.3815, 17.3198,
-87.7839

■ 41.7903, 24.7793,
-103.3005

■ 51.5261, 11.1625,
-73.0737

■ 38.1182, 32.5457,
-117.9013

■ 57.1432, 6.2474,
-59.3753

■ 63.1625, 2.4355,
-46.7086

■ 69.5247, -0.4346,
-34.9985

■ 76.1819, -2.5150,
-24.1315

■ 83.0953, -3.9371,
-13.9868

■ 90.2338, -4.8103,
-4.4515

■ 97.5724, -5.2240,
4.5736

■ 99.8725, -6.0350,
7.2539

Harmonies

Analogous

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



46.3821, -13.8354, -91.9412



46.3815, 17.3198, -87.7839



46.3821, 49.8316, -52.0843

Triad

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



46.3821, 17.3214, -87.7826



46.3821, 43.3759, 27.8290



46.3821, -47.0396, 12.5168

Complementary

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



46.3815, 17.3198, -87.7839



72.2323, 12.0886, 42.4238

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.



46.3821, -38.5968, 26.4248



46.3815, 17.3198, -87.7839



46.3821, 10.0912, 30.6587

Square

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



46.3821, 17.3214, -87.7826



46.3821, 67.3489, 16.8004



46.3821, -19.4273, 30.3965



46.3821, -46.0500, -18.5260

Rectangle

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



46.3815, 17.3198, -87.7839



46.3821, 65.4682, -23.2756



46.3821, -19.4273, 30.3965



46.3821, -45.3228, 18.8068

Sweetspot

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



46.3821, 17.3214, -87.7826



82.3582, -3.6173, -17.4231



85.3117, -58.0479, 22.7992



36.9410, -1.4360, -9.7633

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.3821, 17.3214, -87.7826



39.9596, 30.5558, -115.2164



32.5266, 60.4003, -145.2631



42.0461, -2.2549, -1.4664



28.0888, 22.4455, -83.5618



9.6159, 4.3431, -21.3946

Inverse Universe

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



49.0204, 75.7241, 9.2621



47.2273, 81.8337, 16.0887



92.2200, -34.1163, 54.4291



41.6291, 2.2129, 1.7169



33.4774, 58.6062, 11.7478



10.2838, 18.1862, 2.1894

Previews

White Background



This preview shows how the HunterLab color 46.3815, 17.3198, -87.7839 looks on a white background.

Color Contrast Check

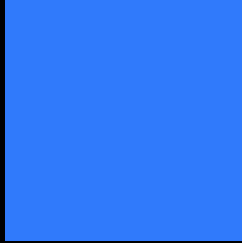
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.3815, 17.3198, -87.7839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

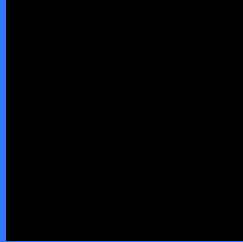
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

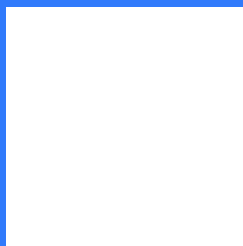
Any Text WCAG AAA × Fail

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

HunterLab 46.3815, 17.3198, -87.7839 Background



This preview shows how black text looks on a background with the HunterLab color 46.3815, 17.3198, -87.7839.



This preview shows how white text looks on a background with the HunterLab color 46.3815, 17.3198, -87.7839.

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

46.3815, 17.3198, -87.7839

Protanopia

46.2576, 16.9412, -88.1794

Deuteranopia

46.2618, 2.2818, -62.7489



Tritanopia

46.0996, -22.4779, -9.0973

Trichromacy



Original Color

46.3815, 17.3198, -87.7839

Protanomaly

46.3055, 17.0875, -88.0265

Deuteranomaly

46.0852, 7.1649, -71.6231

Tritanomaly

45.5601, -10.2818, -33.2878

Monochromacy



Original Color

46.3815, 17.3198, -87.7839

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

42.2627, -0.0738, -23.2315

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.3815, 17.3198, -87.7839 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(48, 122, 251)` looks like.

```
.text, #text, p{  
    color:rgb(48, 122, 251)  
}
```

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(48, 122, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 122, 251) }
```

Border

The CSS property to change the border of an element to HunterLab 46.3815, 17.3198, -87.7839 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(48, 122, 251) }
```


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

```
.border{ border-color:rgb(48, 122, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 122, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 122, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 122, 251);  
box-shadow:4px 4px 4px 4px rgb(48, 122,  
251) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.3815, 17.3198, -87.7839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 122, 251) }
```

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

```
.background{ background-color: rgb(48, 122,  
251) }
```

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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