

Converting Colors

HunterLab(48.7710, 15.4582,
-83.6665)

Have a look what the booklet for
HunterLab(48.7710, 15.4582,
-83.6665) contains.

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Color

**HunterLab(48.7710, 15.4582,
-83.6665)**

Conversions

Conversions Part 1

Format	Color
Hex	3B81FE
RGB	59, 129, 254
RGB Percent	23%, 51%, 100%
CMY	0.7686, 0.4941, 0.0039
CMYK	0.77, 0.49, 0.00, 0.00
HSL	218°, 99%, 61%
HSV	218°, 77%, 100%
XYZ	27.5433, 23.7861, 96.9055
YIQ	122.3200, -81.8450, 24.0350

Conversions

Conversions Part 2

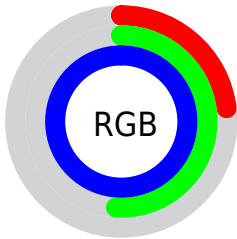
Format	Color
R _Y B	59, 111, 254
Decimal	3899902
CIE _{Lab}	55.87, 21.08, -68.46
CIE _{LCh}	56, 71.631, 287.113
Yxy	23.7868, 0.1858, 0.1605
Android (android.graphics.Color)	4282089982 (0xFF3B81FE)
YUV	122.3200, 64.9182, -55.5316
Hunter-Lab	48.7710, 15.4582, -83.6665

Details

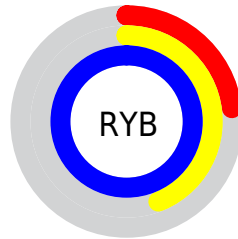
The HunterLab color **48.7710, 15.4582, -83.6665** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **74.6153, 10.1052, 42.8650**, and the grayscale version is **44.0202, -2.3488, 2.3917**.

A 20% lighter version of the original color is **67.2111, -0.5257, -42.0519**, and **31.4172, 18.3481, -78.8771** is the 20% darker color. If you saturate the color by 10%, you get **43.8596, 22.5906, -99.3334**, and if you desaturate by 10%, it is **54.2195, 9.6484, -68.9567**.

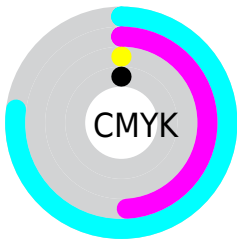
Distribution



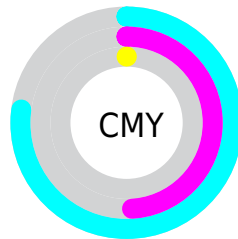
- Red (23%)
- Green (51%)
- Blue (100%)



- Red (23%)
- Yellow (44%)
- Blue (100%)



- Cyan (77%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (77%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7710, 15.4582, -83.6665 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 48.7710, 15.4582, -83.6665 by changing the saturation by 10% instead.

■ 48.7710, 15.4582,
-83.6665

■ 48.7710, 15.4582,
-83.6665

164.8456, 17.3154,
-90.1195

■ 38.9558, 14.8610,
-84.0135

■ 70.4855, 16.3650,
-84.3329

■ 29.9043, 14.1463,
-85.2961

■ 82.3012, 16.6925,
-85.0065

■ 21.6882, 13.2971,
-88.3569

■ 94.7120, 16.9473,
-85.7889

■ 14.4033, 12.2918,
-95.2329

■ 107.6906, 17.1354,
-86.6321

■ 8.0638, 11.7291,
-114.1278

121.2133, 17.2622,
-87.5047

0.0000, INF, -NF

0.0000, NaN, -NF

135.2589, 17.3321,

-88.3856

0.0000, NaN, -NF

149.8086, 17.3487,
-89.2605

0.0000, NaN, -NF

■ 48.7710, 15.4582,
-83.6665

■ 48.7710, 15.4582,
-83.6665

■ 43.8596, 22.5906,
-99.3334

■ 54.2195, 9.6484,
-68.9567

■ 39.5651, 30.9849,
-115.5911

■ 60.1228, 5.0548,
-55.3319

■ 38.2970, 33.8660,
-120.9748

■ 66.4124, 1.5198,
-42.7610

■ 73.0317, -1.1211,
-31.1412

■ 79.9353, -3.0162,
-20.3460

■ 87.0867, -4.2912,
-10.2505

■ 94.4566, -5.0493,
-0.7416

99.9679, -5.5116,
5.8912

Harmonies

Analogous

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



48.7717, -14.7573, -86.1946



48.7710, 15.4582, -83.6665



48.7717, 46.9765, -51.0381

Triad

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



48.7717, 15.4597, -83.6652



48.7717, 42.9257, 28.1086



48.7717, -46.8925, 13.3297

Complementary

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



48.7710, 15.4582, -83.6665



74.6153, 10.1052, 42.8650

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.



48.7717, -37.9372, 27.1121



48.7710, 15.4582, -83.6665



48.7717, 10.8677, 31.5214

Square

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



48.7717, 15.4597, -83.6652



48.7717, 65.2657, 16.1434



48.7717, -18.3713, 31.3177



48.7717, -46.2314, -16.2994

Rectangle

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



48.7710, 15.4582, -83.6665



48.7717, 62.3369, -23.7115



48.7717, -18.3713, 31.3177



48.7717, -45.0191, 19.4735

Sweetspot

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



48.7717, 15.4597, -83.6652



82.9671, -3.5784, -16.5473



86.7253, -57.6209, 21.9874



37.1954, -1.4124, -9.3837

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.7717, 15.4597, -83.6652



41.7080, 26.9776, -108.3172



34.9532, 57.3196, -136.5116



42.9473, -2.2714, -1.5314



28.2581, 23.4300, -85.8989



9.8763, 4.8088, -22.7253

Inverse Universe

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



50.7794, 74.2434, 8.3399



47.7350, 81.0970, 14.3665



93.6453, -33.8286, 54.4905



42.5380, 2.2606, 1.7820



33.9619, 59.4129, 12.2389



10.6912, 18.8831, 2.4575

Previews

White Background



This preview shows how the HunterLab color 48.7710, 15.4582, -83.6665 looks on a white background.

Color Contrast Check

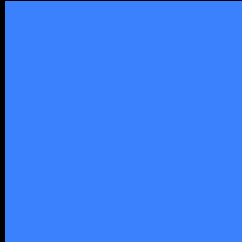
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.7710, 15.4582, -83.6665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

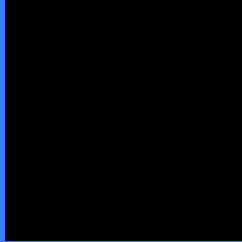
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

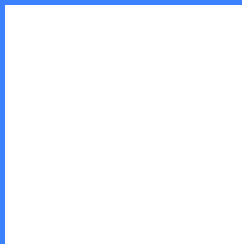
Any Text WCAG AAA × Fail

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

HunterLab 48.7710, 15.4582, -83.6665 Background



This preview shows how black text looks on a background with the HunterLab color 48.7710, 15.4582, -83.6665.



This preview shows how white text looks on a background with the HunterLab color 48.7710, 15.4582, -83.6665.

-83.6665.

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

48.7710, 15.4582, -83.6665

Protanopia

48.8676, 15.7582, -83.3764

Deuteranopia

48.7661, 3.3738, -68.2364

Trichromacy



Original Color

48.7710, 15.4582, -83.6665

Protanomaly

48.8348, 15.6565, -83.4747

Deuteranomaly

48.4419, 7.4430, -74.7747

Monochromacy



Original Color

48.7710, 15.4582, -83.6665

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.9691, -0.3602, -22.4380

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7710, 15.4582, -83.6665 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(59, 129, 254)` looks like.

```
.text, #text, p{  
    color:rgb(59, 129, 254)  
}
```

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(59, 129, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 129, 254) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7710, 15.4582, -83.6665 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(59, 129, 254) }
```

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

```
.border{ border-color:rgb(59, 129, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 129, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 129, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 129, 254);  
box-shadow:4px 4px 4px 4px rgb(59, 129,  
254) }
```


Background

The CSS property to change the background color of an element to HunterLab 48.7710, 15.4582, -83.6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 129, 254) }
```

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

```
.background{ background-color: rgb(59, 129,  
254) }
```

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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