

Converting Colors

HunterLab(46.5399, 27.4675,
-88.6444)

Have a look what the booklet for
HunterLab(46.5399, 27.4675,
-88.6444) contains.

HunterLab(46.5504, 27.1217, -88.1405)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(46.5504, 27.1217,
-88.1405)**

Conversions

Conversions Part 1

Format	Color
Hex	5E73FC
RGB	94, 115, 252
RGB Percent	37%, 45%, 99%
CMY	0.6313, 0.5490, 0.0118
CMYK	0.63, 0.54, 0.00, 0.01
HSL	232°, 96%, 68%
HSV	232°, 63%, 99%
XYZ	28.3175, 21.6694, 94.7855
YIQ	124.3390, -56.4930, 38.1550

Conversions

Conversions Part 2

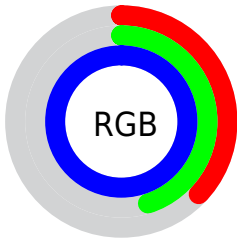
Format	Color
R_{YB}	94, 113, 252
Decimal	6190076
CIE _{Lab}	53.68, 33.63, -70.84
CIE _{LCh}	54, 78.413, 295.393
Yxy	21.6700, 0.1956, 0.1497
Android (android.graphics.Color)	4284380156 (0xFF5E73FC)
YUV	124.3390, 62.9369, -26.6073
Hunter-Lab	46.5504, 27.1217, -88.1405

Details

The HunterLab color **46.5504, 27.1217, -88.1405** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **88.6908, -12.8284, 47.3457**, and the grayscale version is **44.8064, -2.3908, 2.4344**.

A 20% lighter version of the original color is **64.9050, 12.8399, -46.2043**, and **28.1236, 25.3276, -89.8271** is the 20% darker color. If you saturate the color by 10%, you get **40.1763, 36.0499, -110.5226**, and if you desaturate by 10%, it is **53.6790, 19.5612, -68.3034**.

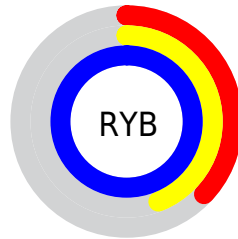
Distribution



Red (37%)

Green (45%)

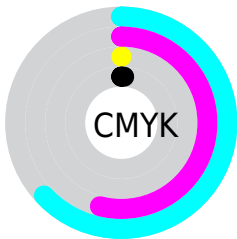
Blue (99%)



Red (37%)

Yellow (44%)

Blue (99%)

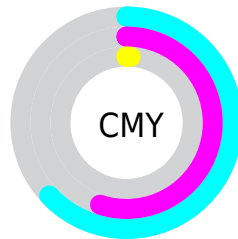


Cyan (63%)

Magenta (54%)

Yellow (0%)

Black (1%)



Cyan (63%)

Magenta (55%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.5504, 27.1217, -88.1405 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 46.5504, 27.1217, -88.1405 by changing the saturation by 10% instead.

■ 46.5504, 27.1217,
-88.1405

■ 46.5504, 27.1217,
-88.1405

161.4986, 33.5277,
-94.1728

■ 36.8980, 25.9294,
-88.8387

■ 67.9706, 29.1595,
-88.4647

■ 28.0234, 24.6047,
-90.7258

■ 79.6514, 30.0234,
-89.0612

■ 20.0028, 23.1442,
-94.9110

■ 91.9338, 30.7964,
-89.8015

■ 12.9390, 21.5718,
-104.1943

■ 104.7898, 31.4861,
-90.6266

■ 6.3785, 24.1847,
-140.9861

118.1947, 32.0988,
-91.4983

0.0000, INF, -NF

0.0000, NaN, -NF

132.1270, 32.6402,

-92.3907

0.0000, NaN, -NF

146.5674, 33.1151,
-93.2863

0.0000, NaN, -NF

■ 46.5504, 27.1217,
-88.1405

■ 46.5504, 27.1217,
-88.1405

■ 40.1763, 36.0499,
-110.5226

■ 53.6790, 19.5612,
-68.3034

■ 34.7843, 46.1983,
-134.7352

■ 61.3914, 13.2036,
-50.8832

■ 30.6511, 56.6884,
-158.2663

■ 69.5688, 7.8214,
-35.4838

■ 28.5359, 63.4584,
-172.6559

■ 78.1266, 3.2046,
-21.6940

■ 87.0036, -0.8163,
-9.1634

■ 96.1549, -4.3722,
2.3865

99.9041, -5.8613,
6.8017

Harmonies

Analogous

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



46.5511, -7.3515, -102.5656



46.5504, 27.1217, -88.1405



46.5511, 60.1565, -44.8097

Triad

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



46.5511, 27.1230, -88.1391



46.5511, 38.1154, 29.6078



46.5511, -49.4933, 7.0170

Complementary

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



46.5504, 27.1217, -88.1405



88.6908, -12.8284, 47.3457

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.



46.5511, -43.2451, 25.0970



46.5504, 27.1217, -88.1405



46.5511, 2.5873, 31.3042

Square

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



46.5511, 27.1230, -88.1391



46.5511, 67.6175, 21.3648



46.5511, -26.1552, 30.5096



46.5511, -46.2267, -30.4246

Rectangle

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



46.5504, 27.1217, -88.1405



46.5511, 73.7752, -14.8837



46.5511, -26.1552, 30.5096



46.5511, -48.4983, 15.0656

Sweetspot

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



46.5511, 27.1230, -88.1391



82.4638, 1.6845, -17.1779



88.1857, -45.3410, 2.7491



36.9710, 1.3383, -9.6698

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.5511, 27.1230, -88.1391



39.3359, 38.8626, -117.6807



46.5884, 50.6996, -87.6094



41.2489, -0.9180, -2.4626



20.8793, 44.6946, -122.5802



7.1805, 10.7011, -32.0756

Inverse Universe

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



54.7177, 58.3602, 17.1634



50.6188, 69.6422, 21.2986



90.5031, -41.8219, 48.0966



41.5485, 1.7795, 2.8667



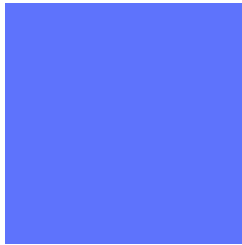
32.9408, 56.6262, 19.6266



10.0811, 17.4409, 5.1439

Previews

White Background



This preview shows how the HunterLab color 46.5504, 27.1217, -88.1405 looks on a white background.

Color Contrast Check

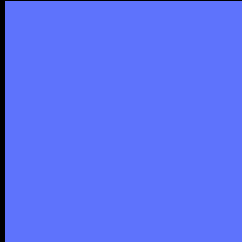
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.5504, 27.1217, -88.1405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

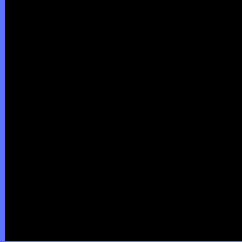
Any Text WCAG AA ✓ Pass

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 46.5504, 27.1217, -88.1405 Background



This preview shows how black text looks on a background with the HunterLab color 46.5504, 27.1217, -88.1405.



This preview shows how white text looks on a background with the HunterLab color 46.5504, 27.1217, -88.1405.

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

46.5504, 27.1217, -88.1405

Protanopia

46.6883, 17.4405, -91.0690

Deuteranopia

46.3803, 2.9182, -64.2708



Tritanopia

46.6348, -20.2579, -9.3854

Trichromacy



Original Color

46.5504, 27.1217, -88.1405

Protanomaly

46.3554, 20.3466, -91.0093

Deuteranomaly

45.8949, 9.6579, -74.0690

Tritanomaly

45.8946, -5.9047, -33.2867

Monochromacy



Original Color

46.5504, 27.1217, -88.1405

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

44.8617, 5.0413, -23.1875

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.5504, 27.1217, -88.1405 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(94, 115, 252)` looks like.

```
.text, #text, p{  
    color:rgb(94, 115, 252)  
}
```

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(94, 115, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 115, 252) }
```

Border

The CSS property to change the border of an element to HunterLab 46.5504, 27.1217, -88.1405 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(94, 115, 252) }
```


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

```
.border{ border-color:rgb(94, 115, 252) }
```

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

Here you see how a box with a 4 pixel rgb(94, 115, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 115, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 115, 252);  
box-shadow:4px 4px 4px 4px rgb(94, 115,  
252) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.5504, 27.1217, -88.1405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 115, 252) }
```

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

```
.background{ background-color: rgb(94, 115,  
252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor