

Converting Colors

HunterLab(46.7193, 32.8400,
-84.2891)

Have a look what the booklet for
HunterLab(46.7193, 32.8400,
-84.2891) contains.

HunterLab(46.6619, 33.1452, -84.5440)	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(46.6619, 33.1452,
-84.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	756EF9
RGB	117, 110, 249
RGB Percent	46%, 43%, 98%
CMY	0.5412, 0.5686, 0.0235
CMYK	0.53, 0.56, 0.00, 0.02
HSL	243°, 92%, 70%
HSV	243°, 56%, 98%
XYZ	30.0109, 21.7733, 92.2435
YIQ	127.9390, -40.4470, 44.7130

Conversions

Conversions Part 2

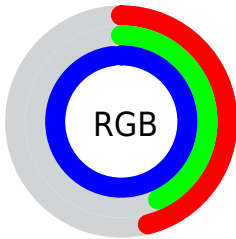
Format	Color
R _Y B	117, 110, 249
Decimal	7696121
CIE Lab	53.79, 39.67, -68.92
CIE LCh	54, 79.526, 299.926
Yxy	21.7740, 0.2084, 0.1512
Android (android.graphics.Color)	4285886201 (0xFF756EF9)
YUV	127.9390, 59.6831, -9.5935
Hunter-Lab	46.6619, 33.1452, -84.5440

Details

The HunterLab color **46.6619, 33.1452, -84.5440** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **93.6771, -24.2502, 47.9620**, and the grayscale version is **46.2224, -2.4663, 2.5114**.

A 20% lighter version of the original color is **65.1213, 20.6278, -45.6476**, and **28.1587, 30.2931, -87.1212** is the 20% darker color. If you saturate the color by 10%, you get **39.6214, 42.8689, -108.9483**, and if you desaturate by 10%, it is **54.5638, 24.4900, -63.3352**.

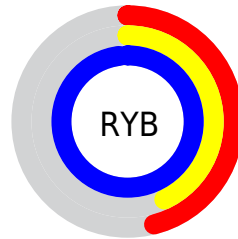
Distribution



Red (46%)

Green (43%)

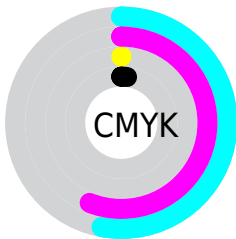
Blue (98%)



Red (46%)

Yellow (43%)

Blue (98%)

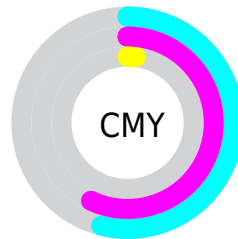


Cyan (53%)

Magenta (56%)

Yellow (0%)

Black (2%)



Cyan (54%)

Magenta (57%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.6619, 33.1452, -84.5440 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 46.6619, 33.1452, -84.5440 by changing the saturation by 10% instead.

46.6619, 33.1452,
-84.5440

46.6619, 33.1452,
-84.5440

161.6675, 41.5481,
-90.7630

37.0012, 31.7107,
-85.0786

68.0971, 35.6614,
-85.0343

28.1176, 30.1497,
-86.6981

79.7848, 36.7580,
-85.6688

20.0870, 28.4734,
-90.4198

92.0737, 37.7584,
-86.4292

13.0119, 26.7458,
-98.8060

104.9359, 38.6701,
-87.2617

6.4744, 29.5758,
-131.8126

118.3468, 39.4994,
-88.1312

0.0000, INF, -NF

0.0000, NaN, -NF

132.2849, 40.2523,

-89.0143

0.0000, NaN, -NF

146.7309, 40.9337,
-89.8952

0.0000, NaN, -NF

■ 46.6619, 33.1452,
-84.5440

■ 46.6619, 33.1452,
-84.5440

■ 39.6214, 42.8689,
-108.9483

■ 54.5638, 24.4900,
-63.3352

■ 33.7401, 53.2747,
-135.7676

■ 63.1161, 16.8306,
-45.0037

■ 29.3971, 62.9446,
-161.5411

■ 72.1779, 9.9790,
-28.9698

■ 26.9088, 69.3423,
-179.6773

■ 81.6528, 3.7494,
-14.6977

■ 26.3093, 71.0515,
-184.5172

■ 91.4728, -2.0095,
-1.7611

99.8096, -6.3797,
8.1517

Harmonies

Analogous

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



46.6626, -2.5732, -105.3679



46.6619, 33.1452, -84.5440



46.6626, 65.2254, -38.4006

Triad

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



46.6626, 33.1462, -84.5425



46.6626, 33.3258, 30.3016



46.6626, -50.1453, 2.6169

Complementary

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



46.6619, 33.1452, -84.5440



93.6771, -24.2502, 47.9620

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.



46.6626, -45.3463, 23.6528



46.6619, 33.1452, -84.5440



46.6626, -2.4113, 31.4904

Square

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



46.6626, 33.1462, -84.5425



46.6626, 65.3477, 23.5930



46.6626, -29.8675, 30.3156



46.6626, -45.3944, -38.1645

Rectangle

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



46.6619, 33.1452, -84.5440



46.6626, 76.8193, -9.1625



46.6626, -29.8675, 30.3156



46.6626, -49.6186, 11.8266

Sweetspot

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



46.6626, 33.1462, -84.5425



82.7064, 4.5910, -16.7781



85.8423, -35.2405, -9.6226



37.3478, 2.7053, -9.0861

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.6626, 33.1462, -84.5425



39.8731, 45.3717, -115.3148



53.3735, 50.5188, -65.7849



40.8469, 0.0278, -2.9679



19.2937, 52.0161, -134.6244



5.9915, 15.9199, -39.9974

Inverse Universe

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



61.4023, 68.9156, -42.0688



58.5677, 83.7745, -51.0261



88.1537, -45.2805, 43.6053



41.8432, 3.3606, -1.3279



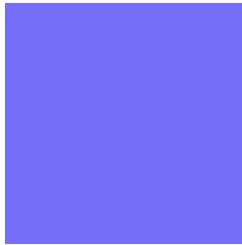
37.4738, 72.8805, -43.2687



11.4242, 22.2486, -13.4260

Previews

White Background



This preview shows how the HunterLab color 46.6619, 33.1452, -84.5440 looks on a white background.

Color Contrast Check

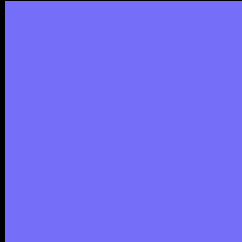
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.6619, 33.1452, -84.5440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

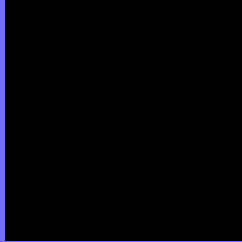
Any Text WCAG AA ✓ Pass

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 46.6619, 33.1452, -84.5440 Background



This preview shows how black text looks on a background with the HunterLab color 46.6619, 33.1452, -84.5440.



This preview shows how white text looks on a background with the HunterLab color 46.6619, 33.1452, -84.5440.

-84.5440.

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

46.6619, 33.1452, -84.5440

Protanopia

46.9962, 17.0135, -90.0997

Deuteranopia

46.7865, 3.0469, -65.0564



Tritanopia

46.4262, -13.4314, -6.8798

Trichromacy



Original Color

46.6619, 33.1452, -84.5440

Protanomaly

46.3837, 21.6190, -89.8261

Deuteranomaly

45.5364, 11.3305, -75.0678

Tritanomaly

45.9046, 1.1715, -30.2636

Monochromacy



Original Color

46.6619, 33.1452, -84.5440

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

45.7585, 8.0675, -22.2340

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.6619, 33.1452, -84.5440 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(117, 110, 249)` looks like.

```
.text, #text, p{  
    color:rgb(117, 110, 249)  
}
```

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(117, 110, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 110, 249) }
```

Border

The CSS property to change the border of an element to HunterLab 46.6619, 33.1452, -84.5440 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(117, 110, 249) }
```


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

```
.border{ border-color:rgb(117, 110, 249) }
```

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

Here you see how a box with a 4 pixel rgb(117, 110, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 110, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 110, 249);  
box-shadow:4px 4px 4px 4px rgb(117, 110,  
249) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.6619, 33.1452, -84.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 110, 249) }
```

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

```
.background{ background-color: rgb(117,  
110, 249) }
```

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