

Converting Colors

HunterLab(36.4664, 44.0991,
-117.2113)

Have a look what the booklet for
HunterLab(36.4664, 44.0991,
-117.2113) contains.

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Color

**HunterLab(36.4664, 44.0991,
-117.2113)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4CF5
RGB	76, 76, 245
RGB Percent	30%, 30%, 96%
CMY	0.7019, 0.7020, 0.0392
CMYK	0.69, 0.69, 0.00, 0.04
HSL	240°, 89%, 63%
HSV	240°, 69%, 96%
XYZ	22.0464, 13.2980, 87.7911
YIQ	95.2660, -54.2490, 52.5590

Conversions

Conversions Part 2

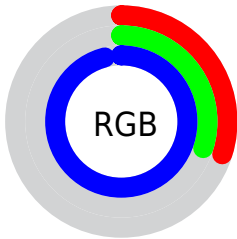
Format	Color
R_{YB}	76, 76, 245
Decimal	5000437
CIE _{Lab}	43.21, 52.00, -84.06
CIE _{LCh}	43, 98.848, 301.741
Yxy	13.2983, 0.1790, 0.1080
Android (android.graphics.Color)	4283190517 (0xFF4C4CF5)
YUV	95.2660, 73.8189, -16.8963
Hunter-Lab	36.4664, 44.0991, -117.2113

Details

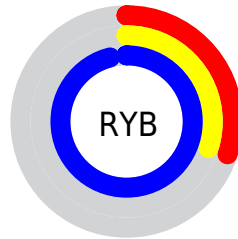
The HunterLab color **36.4664, 44.0991, -117.2113** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **92.3241, -23.1174, 52.0941**, and the grayscale version is **33.6766, -1.7969, 1.8297**.

A 20% lighter version of the original color is **53.0674, 32.2192, -72.4375**, and **21.1343, 42.4833, -118.1253** is the 20% darker color. If you saturate the color by 10%, you get **31.1789, 54.6614, -144.1040**, and if you desaturate by 10%, it is **43.0597, 34.0789, -91.8183**.

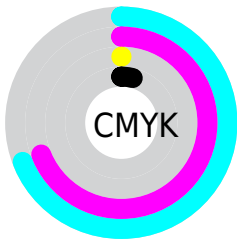
Distribution



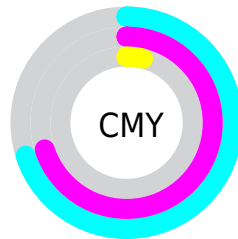
- Red (30%)
- Green (30%)
- Blue (96%)



- Red (30%)
- Yellow (30%)
- Blue (96%)



- Cyan (69%)
- Magenta (69%)
- Yellow (0%)
- Black (4%)



- Cyan (70%)
- Magenta (70%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4664, 44.0991, -117.2113 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 36.4664, 44.0991, -117.2113 by changing the saturation by 10% instead.

■ 36.4664, 44.0991,
-117.2113

■ 36.4664, 44.0991,
-117.2113

■ 145.8836, 57.2305,
-117.8374

■ 27.6301, 42.1463,
-121.3985

■ 56.4257, 47.7302,
-114.0977

■ 19.6515, 40.1677,
-129.5032

■ 67.4416, 49.3813,
-113.8406

■ 12.6355, 38.3706,
-146.2856

■ 79.0936, 50.9252,
-114.0355

■ 5.9606, 45.3462,
-213.6807

■ 91.3486, 52.3672,
-114.5237

0.0000, INF, -NF

0.0000, NaN, -NF

■ 104.1785, 53.7131,
-115.2047

0.0000, NaN, -NF

117.5583, 54.9687,

0.0000, NaN, -NF

-116.0118

0.0000, NaN, -NF

131.4665, 56.1395,
-116.8998

■ 36.4664, 44.0991,
-117.2113

■ 36.4664, 44.0991,
-117.2113

■ 31.1789, 54.6614,
-144.1040

■ 43.0597, 34.0789,
-91.8183

■ 27.5855, 63.8368,
-167.5566

■ 50.6163, 25.2352,
-69.5588

■ 25.8129, 69.2046,
-181.3050

■ 58.8922, 17.5556,
-50.3737

■ 25.6763, 69.6465,
-182.4375

■ 67.7225, 10.8321,
-33.7102

■ 76.9957, 4.8457,
-18.9922

■ 86.6346, -0.5837,
-5.7467

■ 96.5841, -5.5935,
6.3866

■ 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.



36.4668, 0.2623, -153.8700



36.4664, 44.0991, -117.2113



36.4668, 85.4326, -47.5048

Triad

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



36.4668, 44.1014, -117.2102



36.4668, 38.7118, 25.5267



36.4668, -49.5753, -0.1545

Complementary

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



36.4664, 44.0991, -117.2113



92.3241, -23.1174, 52.0941

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.



36.4668, -46.1231, 21.7877



36.4664, 44.0991, -117.2113



36.4668, -4.1063, 25.5267

Square

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



36.4668, 44.1014, -117.2102



36.4668, 81.5382, 22.7469



36.4668, -32.5845, 25.5267



36.4668, -45.1580, -55.4302

Rectangle

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



36.4664, 44.0991, -117.2113



36.4668, 99.9495, -9.2682



36.4668, -32.5845, 25.5267



36.4668, -49.3060, 10.5054

Sweetspot

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



36.4668, 44.1014, -117.2102



78.5391, 6.3111, -22.9145



85.6938, -41.4097, -7.6903



35.0849, 3.7079, -12.5364

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.4668, 44.1014, -117.2102



30.8137, 61.5762, -161.9737



43.9164, 59.9717, -88.5167



39.9084, -0.1484, -2.9590



18.8458, 51.1188, -133.9038



5.5873, 15.1549, -39.6960

Inverse Universe

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



55.8329, 83.6297, -55.8572



54.9839, 99.0953, -66.3874



85.6459, -48.6851, 47.1891



40.9491, 3.3745, -1.5555



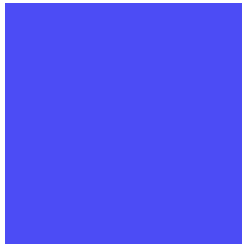
37.4284, 73.5845, -49.3571



11.0962, 21.8152, -14.6329

Previews

White Background



This preview shows how the HunterLab color 36.4664, 44.0991, -117.2113 looks on a white background.

Color Contrast Check

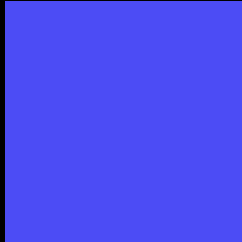
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 36.4664, 44.0991, -117.2113 looks on a black 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

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

HunterLab 36.4664, 44.0991, -117.2113 Background



This preview shows how black text looks on a background with the HunterLab color 36.4664, 44.0991, -117.2113.



This preview shows how white text looks on a background with the HunterLab color 36.4664, 44.0991, -117.2113.

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

36.4664, 44.0991, -117.2113

Protanopia

36.3202, 12.6567, -72.7194

Deuteranopia

36.1043, 0.0354, -45.2037



Tritanopia

35.9783, -17.3957, -7.4175

Trichromacy



Original Color

36.4664, 44.0991, -117.2113

Protanomaly

35.6742, 22.8983, -90.1500

Deuteranomaly

35.3119, 14.1507, -70.7739

Tritanomaly

34.4778, 0.4047, -39.9631

Monochromacy



Original Color

36.4664, 44.0991, -117.2113

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.5502, 10.5545, -30.1329

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4664, 44.0991, -117.2113 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(76, 76, 245)` looks like.

```
.text, #text, p{  
  color:rgb(76, 76, 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(76, 76, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 76, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4664, 44.0991, -117.2113 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(76, 76, 245) }
```


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

```
.border{ border-color:rgb(76, 76, 245) }
```

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

Here you see how a box with a 4 pixel rgb(76, 76, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 76, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 76, 245);  
box-shadow:4px 4px 4px 4px rgb(76, 76,  
245) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4664, 44.0991, -117.2113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 76, 245) }
```

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

```
.background{ background-color: rgb(76, 76,  
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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