

Converting Colors

HunterLab(36.7627, 40.9472,
-117.2461)

Have a look what the booklet for
HunterLab(36.7627, 40.9472,
-117.2461) contains.

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Color

**HunterLab(36.7627, 40.9472,
-117.2461)**

Conversions

Conversions Part 1

Format	Color
Hex	4150F6
RGB	65, 80, 246
RGB Percent	25%, 31%, 96%
CMY	0.7450, 0.6863, 0.0353
CMYK	0.74, 0.67, 0.00, 0.04
HSL	235°, 91%, 61%
HSV	235°, 74%, 96%
XYZ	21.6832, 13.5150, 88.6546
YIQ	94.4390, -62.2260, 48.4460

Conversions

Conversions Part 2

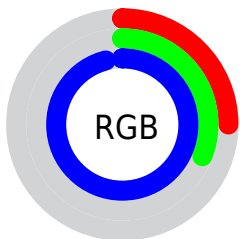
Format	Color
R _{YB}	65, 79, 246
Decimal	4280566
CIE Lab	43.53, 48.93, -84.12
CIE LCh	44, 97.313, 300.183
Yxy	13.5152, 0.1751, 0.1091
Android (android.graphics.Color)	4282470646 (0xFF4150F6)
YUV	94.4390, 74.7196, -25.8180
Hunter-Lab	36.7627, 40.9472, -117.2461

Details

The HunterLab color **36.7627, 40.9472, -117.2461** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **87.8264, -16.4252, 50.4533**, and the grayscale version is **33.3683, -1.7804, 1.8130**.

A 20% lighter version of the original color is **53.3888, 28.0993, -71.6751**, and **21.9839, 40.1107, -114.0654** is the 20% darker color. If you saturate the color by 10%, you get **31.7534, 51.2985, -142.3354**, and if you desaturate by 10%, it is **42.9205, 31.4401, -93.4445**.

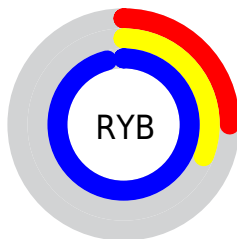
Distribution



Red (25%)

Green (31%)

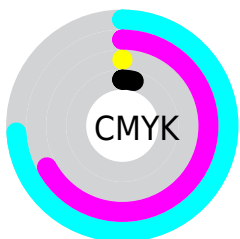
Blue (96%)



Red (25%)

Yellow (31%)

Blue (96%)

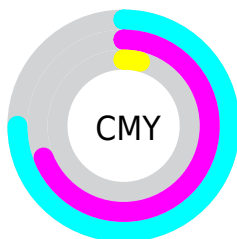


Cyan (74%)

Magenta (67%)

Yellow (0%)

Black (4%)



Cyan (75%)

Magenta (69%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7627, 40.9472, -117.2461 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 36.7627, 40.9472, -117.2461 by changing the saturation by 10% instead.

■ 36.7627, 40.9472,
-117.2461

■ 36.7627, 40.9472,
-117.2461

■ 146.3536, 53.1294,
-117.9764

■ 27.9003, 39.0812,
-121.3578

■ 56.7683, 44.3716,
-114.1973

■ 19.8928, 37.1581,
-129.3065

■ 67.8051, 45.9140,
-113.9549

■ 12.8439, 35.3387,
-145.7040

■ 79.4769, 47.3490,
-114.1590

■ 6.2509, 40.2644,
-206.6100

■ 91.7508, 48.6828,
-114.6533

0.0000, INF, -NF

0.0000, NaN, -NF

■ 104.5986, 49.9219,
-115.3382

0.0000, NaN, -NF

117.9957, 51.0724,

0.0000, NaN, -NF

-116.1480

0.0000, NaN, -NF

131.9205, 52.1398,
-117.0378

■ 36.7627, 40.9472,
-117.2461

■ 36.7627, 40.9472,
-117.2461

■ 31.7534, 51.2985,
-142.3354

■ 42.9205, 31.4401,
-93.4445

■ 28.2080, 61.0113,
-164.8118

■ 49.9444, 23.2162,
-72.3220

■ 26.7718, 65.7720,
-175.4451

■ 57.6271, 16.2131,
-53.9117

■ 65.8239, 10.2159,
-37.7953

■ 74.4344, 5.0058,
-23.4959

■ 83.3880, 0.4017,
-10.6023

■ 92.6335, -3.7362,
1.2096

■ 99.7165, -6.8910,
9.4828

Harmonies

Analogous

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



36.7631, -1.7368, -149.7366



36.7627, 40.9472, -117.2461



36.7631, 82.0872, -49.8766

Triad

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



36.7631, 40.9496, -117.2451



36.7631, 40.3945, 25.7341



36.7631, -49.4164, 1.7850

Complementary

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



36.7627, 40.9472, -117.2461



87.8264, -16.4252, 50.4533

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.



36.7631, -45.4960, 22.2296



36.7627, 40.9472, -117.2461



36.7631, -2.1897, 25.7341

Square

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



36.7631, 40.9496, -117.2451



36.7631, 81.6876, 22.3328



36.7631, -31.2710, 25.7341



36.7631, -45.3938, -50.6873

Rectangle

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



36.7627, 40.9472, -117.2461



36.7631, 97.3472, -11.4700



36.7631, -31.2710, 25.7341



36.7631, -49.0126, 11.7508

Sweetspot

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



36.7631, 40.9496, -117.2451



78.9419, 4.4438, -22.3346



85.3235, -45.6577, -0.7155



35.3702, 2.6936, -12.1022

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.7631, 40.9496, -117.2451



31.1719, 58.3089, -159.7184



40.0604, 60.9501, -103.2894



40.1835, -0.6179, -2.6092



19.7610, 47.2167, -126.6270



6.4619, 11.7039, -33.3423

Inverse Universe

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



48.9430, 65.1397, 22.1053



47.3735, 76.3961, 26.8671



86.5480, -47.0672, 49.0791



40.6261, 1.6418, 3.0413



32.3938, 55.5855, 20.0783



9.6426, 16.6235, 5.3753

Previews

White Background



This preview shows how the HunterLab color 36.7627, 40.9472, -117.2461 looks on a white background.

Color Contrast Check

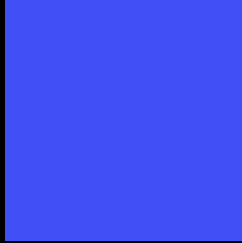
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7627, 40.9472, -117.2461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

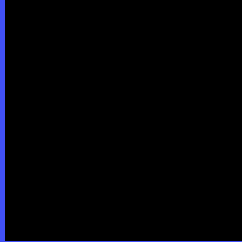
Any Text WCAG AA × Fail

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 36.7627, 40.9472, -117.2461 Background



This preview shows how black text looks on a background with the HunterLab color 36.7627, 40.9472, -117.2461.



This preview shows how white text looks on a background with the HunterLab color 36.7627, 40.9472, -117.2461.

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

36.7627, 40.9472, -117.2461

Protanopia

36.3873, 12.9969, -73.5375

Deuteranopia

36.4383, -0.1457, -45.2301



Tritanopia

36.2854, -17.7729, -6.9871

Trichromacy



Original Color

36.7627, 40.9472, -117.2461

Protanomaly

35.9121, 22.4912, -90.4149

Deuteranomaly

35.8109, 13.1964, -70.2149

Tritanomaly

35.0067, -0.5157, -39.5397

Monochromacy



Original Color

36.7627, 40.9472, -117.2461

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.3971, 8.7092, -29.7469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7627, 40.9472, -117.2461 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(65, 80, 246)` looks like.

```
.text, #text, p{  
    color:rgb(65, 80, 246)  
}
```

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(65, 80, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 80, 246) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7627, 40.9472, -117.2461 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(65, 80, 246) }
```


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

```
.border{ border-color:rgb(65, 80, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 80, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 80, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 80, 246);  
box-shadow:4px 4px 4px 4px rgb(65, 80,  
246) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7627, 40.9472, -117.2461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 80, 246) }
```

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

```
.background{ background-color: rgb(65, 80,  
246) }
```

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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