

Converting Colors

HunterLab(36.3772, 46.9473,
-104.8657)

Have a look what the booklet for
HunterLab(36.3772, 46.9473,
-104.8657) contains.

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Color

**HunterLab(36.3510, 46.8914,
-104.9751)**

Conversions

Conversions Part 1

Format	Color
Hex	6447EB
RGB	100, 71, 235
RGB Percent	39%, 28%, 92%
CMY	0.6078, 0.7216, 0.0784
CMYK	0.57, 0.70, 0.00, 0.08
HSL	251°, 80%, 60%
HSV	251°, 70%, 92%
XYZ	22.5042, 13.2140, 79.9617
YIQ	98.3670, -35.3600, 57.1520

Conversions

Conversions Part 2

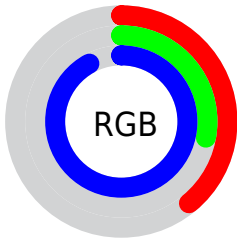
Format	Color
R_{YB}	100, 71, 235
Decimal	6572011
CIE _{Lab}	43.08, 54.65, -78.57
CIE _{LCh}	43, 95.710, 304.821
Yxy	13.2143, 0.1945, 0.1142
Android (android.graphics.Color)	4284762091 (0xFF6447EB)
YUV	98.3670, 67.3601, 1.4321
Hunter-Lab	36.3510, 46.8914, -104.9751

Details

The HunterLab color $[36.3510, 46.8914, -104.9751]$ is a dark color, and the websafe version is hex $6633CC$. The color can be described as middle muted purple. A complement of this color would be $[85.4357, -31.8909, 47.9499]$, and the grayscale version is $[34.8517, -1.8596, 1.8936]$.

A 20% lighter version of the original color is $[53.7825, 39.0151, -70.4723]$, and $[19.5863, 42.9154, -114.6799]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.3143, 55.7659, -128.5435]$, and if you desaturate by 10%, it is $[42.4729, 37.8783, -82.8836]$.

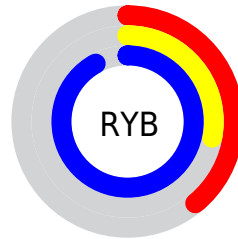
Distribution



Red (39%)

Green (28%)

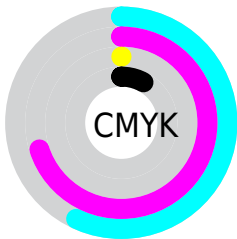
Blue (92%)



Red (39%)

Yellow (28%)

Blue (92%)

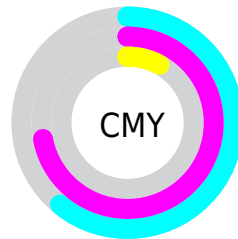


Cyan (57%)

Magenta (70%)

Yellow (0%)

Black (8%)



Cyan (61%)

Magenta (72%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3510, 46.8914, -104.9751 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 36.3510, 46.8914, -104.9751 by changing the saturation by 10% instead.

■ 36.3510, 46.8914,
-104.9751

■ 36.3510, 46.8914,
-104.9751

■ 145.7005, 60.8038,
-107.3788

■ 27.5250, 44.8720,
-108.1680

■ 56.2923, 50.6874,
-102.9144

■ 19.5577, 42.8572,
-114.6106

■ 67.3000, 52.4272,
-102.9392

■ 12.5546, 41.0955,
-128.2896

■ 78.9443, 54.0609,
-103.3233

■ 5.8434, 49.3849,
-187.2186

■ 91.1920, 55.5924,
-103.9358

0.0000, INF, -NF

0.0000, NaN, -NF

■ 104.0148, 57.0272,
-104.6938

0.0000, NaN, -NF

117.3879, 58.3705,

0.0000, NaN, -NF

-105.5430

0.0000, NaN, NaN

131.2896, 59.6277,
-106.4465

■ 36.3510, 46.8914,
-104.9751

■ 36.3510, 46.8914,
-104.9751

■ 31.3143, 55.7659,
-128.5435

■ 42.4729, 37.8783,
-82.8836

■ 27.6653, 62.9899,
-150.2938

■ 49.4141, 29.3735,
-63.3431

■ 25.4966, 67.0792,
-165.8863

■ 56.9811, 21.5218,
-46.2942

■ 25.4584, 67.1583,
-166.1825

■ 65.0385, 14.2663,
-31.3244

■ 73.4925, 7.4975,
-17.9915

■ 82.2765, 1.1085,
-5.9212

■ 91.3420, -4.9904,
5.1795

■ 99.3638, -8.7854,
14.1749

■ 99.3872, -8.7033,
14.2018

Harmonies

Analogous

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



36.3514, 4.0888, -144.8970



36.3510, 46.8914, -104.9751



36.3514, 84.8132, -38.9103

Triad

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



36.3514, 46.8931, -104.9738



36.3514, 32.6234, 25.4460



36.3514, -48.5209, -4.0309

Complementary

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



36.3510, 46.8914, -104.9751



85.4357, -31.8909, 47.9499

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.



36.3514, -45.8928, 20.3701



36.3510, 46.8914, -104.9751



36.3514, -7.6027, 25.4460

Square

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



36.3514, 46.8931, -104.9738



36.3514, 74.5638, 23.1091



36.3514, -33.7353, 25.4460



36.3514, -43.2243, -59.6782

Rectangle

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



36.3510, 46.8914, -104.9751



36.3514, 96.4607, -4.5128



36.3514, -33.7353, 25.4460



36.3514, -48.5060, 7.4574

Sweetspot

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



36.3514, 46.8931, -104.9738



79.3982, 9.1693, -21.5623



72.3099, -27.6312, -20.3722



35.5313, 5.1809, -11.8055

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.3514, 46.8931, -104.9738



32.3124, 65.1759, -152.5438



44.9977, 64.6514, -74.7028



38.3106, 0.4212, -2.5750



19.0937, 50.1815, -123.1873



5.6855, 14.3470, -32.0651

Inverse Universe

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



51.5989, 74.5548, -33.9908



52.7710, 92.2199, -39.7105



80.1761, -52.5883, 44.0753



39.0709, 2.8680, -0.5910



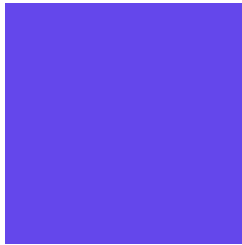
34.6419, 65.5914, -26.1896



9.7689, 18.5970, -8.1641

Previews

White Background



This preview shows how the HunterLab color 36.3510, 46.8914, -104.9751 looks on a white background.

Color Contrast Check

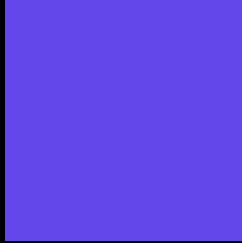
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.3510, 46.8914, -104.9751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

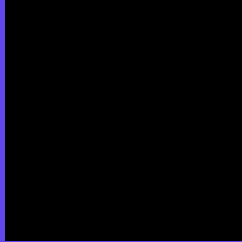
Any Text WCAG AA × Fail

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 36.3510, 46.8914, -104.9751 Background



This preview shows how black text looks on a background with the HunterLab color 36.3510, 46.8914, -104.9751.



This preview shows how white text looks on a background with the HunterLab color 36.3510, 46.8914, -104.9751.

-104.9751.

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

36.3510, 46.8914, -104.9751

Protanopia

36.3202, 12.6567, -72.7194

Deuteranopia

36.1593, 0.3334, -45.9158



Tritanopia

36.0585, -12.5756, -6.1831

Trichromacy



Original Color

36.3510, 46.8914, -104.9751

Protanomaly

35.1629, 23.4520, -88.6109

Deuteranomaly

34.7945, 14.7673, -69.3395

Tritanomaly

34.7271, 6.3108, -36.0583

Monochromacy



Original Color

36.3510, 46.8914, -104.9751

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

34.3077, 12.7012, -27.0558

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3510, 46.8914, -104.9751 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(100, 71, 235)` looks like.

```
.text, #text, p{  
    color:rgb(100, 71, 235)  
}
```

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(100, 71, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 71, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3510, 46.8914, -104.9751 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(100, 71, 235) }
```


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

```
.border{ border-color:rgb(100, 71, 235) }
```

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

Here you see how a box with a 4 pixel rgb(100, 71, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 71, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 71, 235);  
box-shadow:4px 4px 4px 4px rgb(100, 71,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3510, 46.8914, -104.9751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 71, 235) }
```

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

```
.background{ background-color: rgb(100, 71,  
235) }
```

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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