

Converting Colors

HunterLab(39.4385, 29.8926,
-94.8901)

Have a look what the booklet for
HunterLab(39.4385, 29.8926,
-94.8901) contains.

HunterLab(39.4717, 29.6496, -94.3598)	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(39.4717, 29.6496,
-94.3598)**

Conversions

Conversions Part 1

Format	Color
Hex	475FEC
RGB	71, 95, 236
RGB Percent	28%, 37%, 93%
CMY	0.7215, 0.6275, 0.0745
CMYK	0.70, 0.60, 0.00, 0.07
HSL	231°, 81%, 60%
HSV	231°, 70%, 93%
XYZ	21.8311, 15.5802, 81.2136
YIQ	103.8980, -59.5650, 38.7630

Conversions

Conversions Part 2

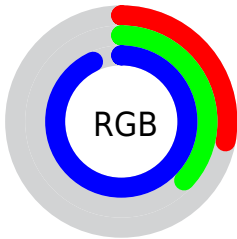
Format	Color
R_{YB}	71, 92, 236
Decimal	4677612
CIE _{Lab}	46.42, 37.16, -73.76
CIE _{LCh}	46, 82.593, 296.741
Yxy	15.5805, 0.1840, 0.1313
Android (android.graphics.Color)	4282867692 (0xFF475FEC)
YUV	103.8980, 65.1263, -28.8515
Hunter-Lab	39.4717, 29.6496, -94.3598

Details

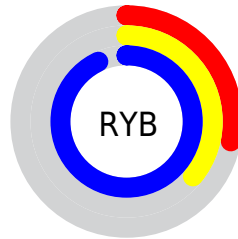
The HunterLab color **39.4717, 29.6496, -94.3598** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **80.8583, -10.6459, 45.2657**, and the grayscale version is **36.9467, -1.9714, 2.0074**.

A 20% lighter version of the original color is **57.3359, 20.0092, -62.1517**, and **23.3480, 29.7443, -93.3923** is the 20% darker color. If you saturate the color by 10%, you get **34.1754, 38.5764, -115.9409**, and if you desaturate by 10%, it is **45.5721, 21.9673, -74.7792**.

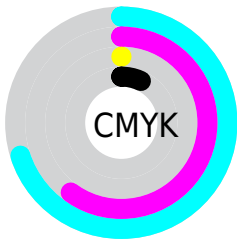
Distribution



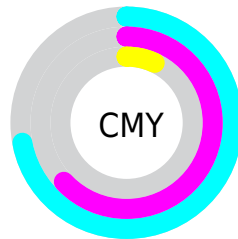
- Red (28%)
- Green (37%)
- Blue (93%)



- Red (28%)
- Yellow (36%)
- Blue (93%)



- Cyan (70%)
- Magenta (60%)
- Yellow (0%)
- Black (7%)



- Cyan (72%)
- Magenta (63%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.4717, 29.6496, -94.3598 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 39.4717, 29.6496, -94.3598 by changing the saturation by 10% instead.

■ 39.4717, 29.6496,
-94.3598

■ 39.4717, 29.6496,
-94.3598

150.6166, 37.8181,
-98.8046

■ 30.3773, 28.2197,
-96.2056

■ 59.8903, 32.1406,
-93.6027

■ 22.1135, 26.6598,
-100.1918

■ 71.1143, 33.2162,
-93.9472

■ 14.7747, 24.9999,
-108.6996

■ 82.9632, 34.1915,
-94.5347

■ 8.4300, 23.8113,
-130.0797

■ 95.4057, 35.0748,
-95.2727

0.0000, INF, -NF

0.0000, NaN, -NF

108.4146, 35.8731,
-96.1018

0.0000, NaN, -NF

121.9663, 36.5929,

0.0000, NaN, -NF

-96.9832

0.0000, NaN, NaN

136.0399, 37.2396,
-97.8902

■ 39.4717, 29.6496,
-94.3598

■ 39.4717, 29.6496,
-94.3598

■ 34.1754, 38.5764,
-115.9409

■ 45.5721, 21.9673,
-74.7792

■ 29.9140, 48.2728,
-138.0096

■ 52.2921, 15.5072,
-57.4835

■ 26.8887, 57.3634,
-157.4113

■ 59.4993, 10.0847,
-42.2385

■ 26.8668, 57.4346,
-157.5661

■ 67.0990, 5.4925,
-28.6795

■ 75.0236, 1.5515,
-16.4585

■ 83.2238, -1.8804,
-5.2863

■ 91.6624, -4.9123,
5.0653

■ 99.4164, -8.5425,
13.7832

Harmonies

Analogous

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



39.4722, -5.5540, -112.7667



39.4717, 29.6496, -94.3598



39.4722, 63.8337, -45.4695

Triad

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



39.4722, 29.6513, -94.3586



39.4722, 37.7295, 26.4785



39.4722, -46.7386, 5.3409

Complementary

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



39.4717, 29.6496, -94.3598



80.8583, -10.6459, 45.2657

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.



39.4722, -41.5741, 22.6816



39.4717, 29.6496, -94.3598



39.4722, 1.4599, 27.6305

Square

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



39.4722, 29.6513, -94.3586



39.4722, 69.4489, 20.4801



39.4722, -26.2018, 26.9717



39.4722, -43.4663, -34.4141

Rectangle

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



39.4717, 29.6496, -94.3598



39.4722, 77.6442, -13.8153



39.4722, -26.2018, 26.9717



39.4722, -45.9876, 13.3752

Sweetspot

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



39.4722, 29.6513, -94.3586



80.8807, 2.1691, -19.4764



81.2693, -44.7353, 4.2129



36.2989, 1.5358, -10.6818

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



39.4722, 29.6513, -94.3586



35.0925, 46.7805, -137.4003



39.0027, 52.6167, -95.6807



38.6034, -0.9347, -2.2196



20.2274, 41.5728, -115.0262



6.5662, 8.6214, -26.8183

Inverse Universe

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



48.1321, 60.0746, 17.3743



48.2693, 75.2601, 23.5419



83.6310, -40.5921, 46.5949



38.8455, 1.6581, 2.6185



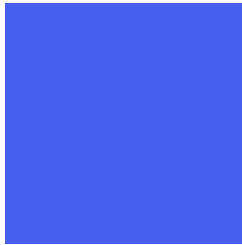
31.4735, 54.1410, 18.4647



8.8822, 15.4032, 4.2504

Previews

White Background



This preview shows how the HunterLab color 39.4717, 29.6496, -94.3598 looks on a white background.

Color Contrast Check

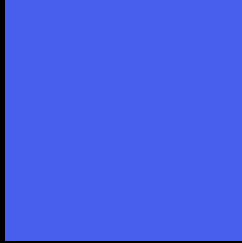
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4717, 29.6496, -94.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

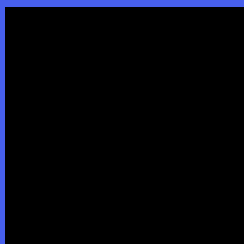
Any Text WCAG AA × Fail

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 39.4717, 29.6496, -94.3598 Background



This preview shows how black text looks on a background with the HunterLab color 39.4717, 29.6496, -94.3598.



This preview shows how white text looks on a background with the HunterLab color 39.4717, 29.6496, -94.3598.

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

39.4717, 29.6496, -94.3598

Protanopia

39.2821, 14.7344, -80.9065

Deuteranopia

39.2353, 0.9842, -51.1653



Tritanopia

39.0979, -18.8101, -8.2634

Trichromacy



Original Color

39.4717, 29.6496, -94.3598

Protanomaly

38.8953, 19.5112, -87.5768

Deuteranomaly

38.8352, 10.0162, -67.0000

Tritanomaly

38.3047, -4.6750, -34.5789

Monochromacy



Original Color

39.4717, 29.6496, -94.3598

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.2151, 5.5480, -24.2974

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.4717, 29.6496, -94.3598 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(71, 95, 236)` looks like.

```
.text, #text, p{  
    color:rgb(71, 95, 236)  
}
```

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(71, 95, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 95, 236) }
```

Border

The CSS property to change the border of an element to HunterLab 39.4717, 29.6496, -94.3598 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(71, 95, 236) }
```


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

```
.border{ border-color:rgb(71, 95, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 95, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 95, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 95, 236);  
box-shadow:4px 4px 4px 4px rgb(71, 95,  
236) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.4717, 29.6496, -94.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 95, 236) }
```

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

```
.background{ background-color: rgb(71, 95,  
236) }
```

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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