

Converting Colors

HunterLab(34.6374, 40.0249,
-103.3786)

Have a look what the booklet for
HunterLab(34.6374, 40.0249,
-103.3786) contains.

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Color

**HunterLab(34.6211, 40.0958,
-103.6629)**

Conversions

Conversions Part 1

Format	Color
Hex	4E49E4
RGB	78, 73, 228
RGB Percent	31%, 29%, 89%
CMY	0.6941, 0.7137, 0.1059
CMYK	0.66, 0.68, 0.00, 0.11
HSL	242°, 74%, 59%
HSV	242°, 68%, 89%
XYZ	19.5280, 11.9862, 74.6830
YIQ	92.1650, -46.7750, 49.2650

Conversions

Conversions Part 2

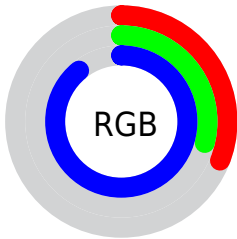
Format	Color
R _Y B	78, 73, 228
Decimal	5130724
CIE Lab	41.19, 48.51, -77.77
CIE LCh	41, 91.660, 301.956
Yxy	11.9865, 0.1839, 0.1129
Android (android.graphics.Color)	4283320804 (0xFF4E49E4)
YUV	92.1650, 66.9667, -12.4227
Hunter-Lab	34.6211, 40.0958, -103.6629

Details

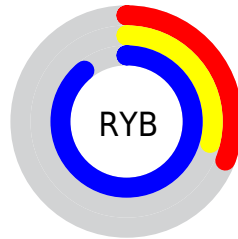
The HunterLab color $[34.6211, 40.0958, -103.6629]$ is a dark color, and the websafe version is hex $3333CC$. The color can be described as dark muted blue. A complement of this color would be $[84.6490, -22.9320, 47.3440]$, and the grayscale version is $[32.5486, -1.7367, 1.7684]$.

A 20% lighter version of the original color is $[52.1781, 33.4193, -74.7658]$, and $[19.2980, 37.8449, -105.8172]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.5616, 49.5925, -128.1283]$, and if you desaturate by 10%, it is $[40.7970, 31.1262, -80.9864]$.

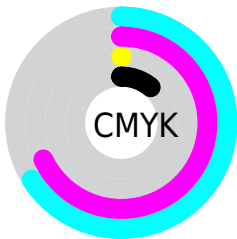
Distribution



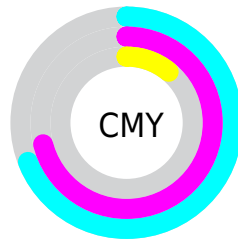
- Red (31%)
- Green (29%)
- Blue (89%)



- Red (31%)
- Yellow (29%)
- Blue (89%)



- Cyan (66%)
- Magenta (68%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (71%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.6211, 40.0958, -103.6629 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 34.6211, 40.0958, -103.6629 by changing the saturation by 10% instead.

■ 34.6211, 40.0958,
-103.6629

■ 34.6211, 40.0958,
-103.6629

■ 142.9390, 52.3555,
-105.7024

■ 25.9509, 38.2217,
-107.1581

■ 54.2867, 43.5443,
-101.3672

■ 18.1565, 36.3085,
-114.2741

■ 65.1700, 45.0981,
-101.3441

■ 11.3511, 34.5651,
-129.7628

■ 76.6966, 46.5432,
-101.6991

■ 3.6366, 62.4573,
-272.4661

■ 88.8326, 47.8858,
-102.2931

0.0000, INF, -NF

0.0000, NaN, -NF

■ 101.5487, 49.1323,
-103.0387

0.0000, NaN, -NF

114.8196, 50.2890,

0.0000, NaN, -NF

-103.8790

0.0000, NaN, NaN

128.6230, 51.3616,
-104.7757

■ 34.6211, 40.0958,
-103.6629

■ 34.6211, 40.0958,
-103.6629

■ 29.5616, 49.5925,
-128.1283

■ 40.7970, 31.1262,
-80.9864

■ 25.9650, 58.0973,
-150.5870

■ 47.7988, 23.1484,
-61.1860

■ 24.0378, 63.4001,
-165.1193

■ 55.4222, 16.1349,
-44.0880

■ 23.7676, 64.2697,
-167.3283

■ 63.5287, 9.9124,
-29.1822

■ 72.0238, 4.3015,
-15.9660

■ 80.8419, -0.8461,
-4.0318

■ 89.9355, -5.6438,
6.9307

■ 99.1410, -9.9694,
17.0203

■ 99.1874, -9.8057,
17.0723

Harmonies

Analogous

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



34.6215, 0.4151, -136.1851



34.6211, 40.0958, -103.6629



34.6215, 77.0256, -42.0885

Triad

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



34.6215, 40.0977, -103.6618



34.6215, 34.6523, 24.2350



34.6215, -46.0108, -0.3105

Complementary

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



34.6211, 40.0958, -103.6629



84.6490, -22.9320, 47.3440

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.



34.6215, -42.7742, 20.2467



34.6211, 40.0958, -103.6629



34.6215, -4.0568, 24.2350

Square

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



34.6215, 40.0977, -103.6618



34.6215, 73.1192, 21.3041



34.6215, -30.1490, 24.2350



34.6215, -41.7458, -49.9902

Rectangle

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



34.6211, 40.0958, -103.6629



34.6215, 89.8363, -8.0208



34.6215, -30.1490, 24.2350



34.6215, -45.7700, 9.5209

Sweetspot

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



34.6215, 40.0977, -103.6618



79.6726, 6.1977, -21.2019



78.1627, -36.7832, -8.1570



35.5904, 3.6889, -11.7391

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.6215, 40.0977, -103.6618



31.4862, 60.9656, -157.6816



41.4087, 54.8668, -78.6183



37.2951, -0.0519, -2.6853



18.0879, 48.8575, -126.9264



4.9965, 13.3402, -33.8523

Inverse Universe

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



51.5618, 74.8823, -47.1850



54.7709, 97.0657, -60.8985



78.9026, -45.0008, 43.0952



38.2188, 3.0525, -1.2688



35.3991, 69.1155, -42.9663



9.6361, 18.8342, -11.8517

Previews

White Background



This preview shows how the HunterLab color 34.6211, 40.0958, -103.6629 looks on a white background.

Color Contrast Check

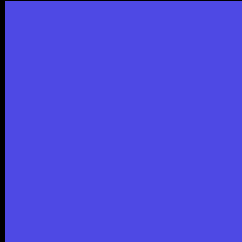
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6211, 40.0958, -103.6629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

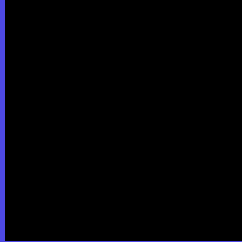
Any Text WCAG AA × Fail

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 34.6211, 40.0958, -103.6629 Background



This preview shows how black text looks on a background with the HunterLab color 34.6211, 40.0958, -103.6629.



This preview shows how white text looks on a background with the HunterLab color 34.6211, 40.0958, -103.6629.

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

34.6211, 40.0958, -103.6629

Protanopia

34.4382, 12.2584, -69.5071

Deuteranopia

34.2795, 0.0484, -42.9509



Tritanopia

34.2829, -16.5079, -7.2148

Trichromacy



Original Color

34.6211, 40.0958, -103.6629

Protanomaly

33.8475, 20.8835, -83.3085

Deuteranomaly

33.5811, 12.6164, -65.0970

Tritanomaly

32.9114, -0.2569, -36.3864

Monochromacy



Original Color

34.6211, 40.0958, -103.6629

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.3208, 9.6384, -26.1416

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.6211, 40.0958, -103.6629 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(78, 73, 228)` looks like.

```
.text, #text, p{  
    color:rgb(78, 73, 228)  
}
```

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(78, 73, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 73, 228) }
```

Border

The CSS property to change the border of an element to HunterLab 34.6211, 40.0958, -103.6629 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(78, 73, 228) }
```


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

```
.border{ border-color:rgb(78, 73, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 73, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 73, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 73, 228);  
box-shadow:4px 4px 4px 4px rgb(78, 73,  
228) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.6211, 40.0958, -103.6629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 73, 228) }
```

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

```
.background{ background-color: rgb(78, 73,  
228) }
```

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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