

Converting Colors

HunterLab(40.9710, 13.4113,
-56.2812)

Have a look what the booklet for
HunterLab(40.9710, 13.4113,
-56.2812) contains.

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Color

**HunterLab(40.9710, 13.4113,
-56.2812)**

Conversions

Conversions Part 1

Format	Color
Hex	516CCB
RGB	81, 108, 203
RGB Percent	32%, 42%, 80%
CMY	0.6823, 0.5765, 0.2039
CMYK	0.60, 0.47, 0.00, 0.20
HSL	227°, 54%, 56%
HSV	227°, 60%, 80%
XYZ	19.5354, 16.7862, 58.7103
YIQ	110.7570, -46.5870, 23.8210

Conversions

Conversions Part 2

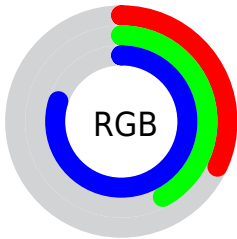
Format	Color
R _Y B	81, 103, 203
Decimal	5336267
CIE Lab	47.99, 19.26, -52.46
CIE LCh	48, 55.881, 290.159
Yxy	16.7868, 0.2056, 0.1766
Android (android.graphics.Color)	4283526347 (0xFF516CCB)
YUV	110.7570, 45.4758, -26.0969
Hunter-Lab	40.9710, 13.4113, -56.2812

Details

The HunterLab color **40.9710, 13.4113, -56.2812** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **66.5911, -4.9150, 34.0149**, and the grayscale version is **39.6222, -2.1141, 2.1528**.

A 20% lighter version of the original color is **61.3121, 12.8353, -53.4826**, and **23.4000, 12.5545, -56.3495** is the 20% darker color. If you saturate the color by 10%, you get **36.0311, 18.8356, -70.4406**, and if you desaturate by 10%, it is **46.3290, 8.9449, -43.6025**.

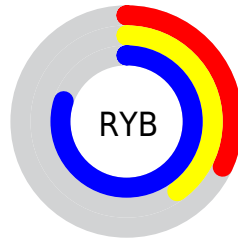
Distribution



Red (32%)

Green (42%)

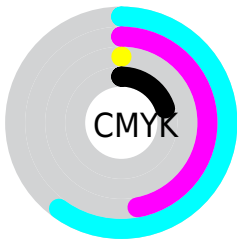
Blue (80%)



Red (32%)

Yellow (40%)

Blue (80%)

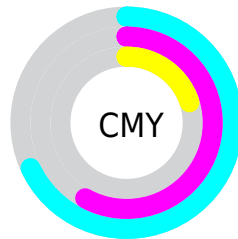


Cyan (60%)

Magenta (47%)

Yellow (0%)

Black (20%)



Cyan (68%)

Magenta (58%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9710, 13.4113, -56.2812 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 40.9710, 13.4113, -56.2812 by changing the saturation by 10% instead.

■ 40.9710, 13.4113,
-56.2812

■ 40.9710, 13.4113,
-56.2812

■ 152.9511, 15.0791,
-62.5272

■ 31.7531, 12.8154,
-56.1249

■ 61.6107, 14.2933,
-57.4191

■ 23.3532, 12.0924,
-56.6342

■ 72.9352, 14.6026,
-58.1535

■ 15.8615, 11.2204,
-58.5912

■ 84.8793, 14.8365,
-58.9199

■ 9.4051, 10.1760,
-64.2718

■ 97.4124, 15.0018,
-59.6892

0.0000, INF, -NF

0.0000, NaN, -NF

■ 110.5081, 15.1042,
-60.4436

0.0000, NaN, -NF

■ 124.1431, 15.1487,

0.0000, NaN, NaN

-61.1722

0.0000, NaN, NaN

138.2969, 15.1392,
-61.8681

■ 40.9710, 13.4113,
-56.2812

■ 40.9710, 13.4113,
-56.2812

■ 36.0311, 18.8356,
-70.4406

■ 46.3290, 8.9449,
-43.6025

■ 31.6120, 25.3210,
-86.0468

■ 52.0242, 5.2760,
-32.2417

■ 27.8462, 32.7841,
-102.5672

■ 57.9990, 2.2524,
-21.9797

■ 24.8645, 40.5869,
-118.6940

■ 64.2097, -0.2547,
-12.6099

■ 70.6236, -2.3481,
-3.9563

■ 77.2153, -4.1080,
4.1239

■ 83.9651, -5.5970,
11.7446

■ 90.8571, -6.8638,
18.9956

■ 97.0120, -10.9988,
25.0551

Harmonies

Analogous

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



40.9716, -9.1623, -60.4179



40.9710, 13.4113, -56.2812



40.9716, 35.5596, -32.7772

Triad

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



40.9716, 13.4120, -56.2800



40.9716, 28.5443, 22.6440



40.9716, -36.0592, 8.5219

Complementary

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



40.9710, 13.4113, -56.2812



66.5911, -4.9150, 34.0149

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.



40.9716, -29.8436, 20.5272



40.9710, 13.4113, -56.2812



40.9716, 5.2857, 25.3549

Square

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



40.9716, 13.4120, -56.2800



40.9716, 45.4939, 13.8038



40.9716, -15.7555, 24.8630



40.9716, -34.7845, -14.1787

Rectangle

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



40.9710, 13.4113, -56.2812



40.9716, 45.6074, -13.8905



40.9716, -15.7555, 24.8630



40.9716, -34.8370, 13.6607

Sweetspot

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



40.9716, 13.4120, -56.2800



84.6091, -0.8691, -14.1761



68.9483, -36.6699, 7.1729



38.0275, -0.0014, -8.1400

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.9716, 13.4120, -56.2800



44.9099, 26.6362, -96.7615



37.0731, 34.3167, -66.9143



33.5259, -1.1701, -1.5924



20.1174, 31.4439, -93.0233



5.7035, 3.9700, -15.6989

Inverse Universe

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



44.3454, 44.2732, 9.1316



51.9499, 68.6722, 15.7096



72.0449, -28.1615, 37.4933



33.5464, 1.4861, 1.9573



28.6558, 49.5330, 14.9582



6.5984, 11.5810, 2.0847

Previews

White Background



This preview shows how the HunterLab color 40.9710, 13.4113, -56.2812 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 40.9710, 13.4113, -56.2812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

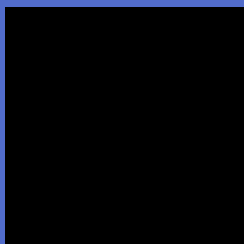
Any Text WCAG AA × Fail

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 40.9710, 13.4113, -56.2812 Background



This preview shows how black text looks on a background with the HunterLab color 40.9710, 13.4113, -56.2812.



This preview shows how white text looks on a background with the HunterLab color 40.9710, 13.4113, -56.2812.

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

40.9710, 13.4113, -56.2812

Protanopia

40.9303, 10.8402, -58.2544

Deuteranopia

40.9901, 3.6064, -54.6073



Tritanopia

40.9750, -16.0441, -7.6678

Trichromacy



Original Color

40.9710, 13.4113, -56.2812

Protanomaly

40.8346, 11.7699, -57.5774

Deuteranomaly

40.6580, 6.8648, -56.3100

Tritanomaly

40.5613, -6.4632, -23.0658

Monochromacy



Original Color

40.9710, 13.4113, -56.2812

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.8432, 1.3528, -14.6890

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9710, 13.4113, -56.2812 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(81, 108, 203)` looks like.

```
.text, #text, p{  
    color:rgb(81, 108, 203)  
}
```

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(81, 108, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 108, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9710, 13.4113, -56.2812 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(81, 108, 203) }
```


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

```
.border{ border-color:rgb(81, 108, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 108, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 108, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 108, 203);  
box-shadow:4px 4px 4px 4px rgb(81, 108,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9710, 13.4113, -56.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 108, 203) }
```

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

```
.background{ background-color: rgb(81, 108,  
203) }
```

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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