

Converting Colors

HunterLab(28.0725, 16.9454,
-11.1909)

Have a look what the booklet for
HunterLab(28.0725, 16.9454,
-11.1909) contains.

HunterLab(28.0809, 17.1942, -11.1860)	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(28.0809, 17.1942,
-11.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	6A416A
RGB	106, 65, 106
RGB Percent	42%, 25%, 42%
CMY	0.5843, 0.7451, 0.5843
CMYK	0.00, 0.39, 0.00, 0.58
HSL	300°, 24%, 34%
HSV	300°, 39%, 42%
XYZ	10.4357, 7.8854, 14.6077
YIQ	81.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

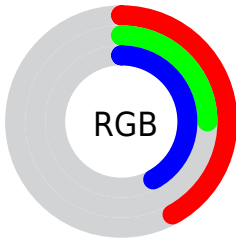
Format	Color
R_{YB}	106, 65, 106
Decimal	6963562
CIE _{Lab}	33.74, 25.01, -16.62
CIE _{LCh}	34, 30.030, 326.395
Yxy	7.8857, 0.3169, 0.2395
Android (android.graphics.Color)	4285153642 (0xFF6A416A)
YUV	81.9330, 11.8650, 21.1068
Hunter-Lab	28.0809, 17.1942, -11.1860

Details

The HunterLab color $[28.0809, 17.1942, -11.1860]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[34.3712, -17.1052, 12.2525]$, and the grayscale version is $[28.9793, -1.5463, 1.5745]$.

A 20% lighter version of the original color is $[46.6241, 18.7284, -11.5064]$, and $[12.9844, 14.7651, -10.6343]$ is the 20% darker color. If you saturate the color by 10%, you get $[26.0399, 22.1798, -14.6131]$, and if you desaturate by 10%, it is $[30.3630, 12.1356, -7.7047]$.

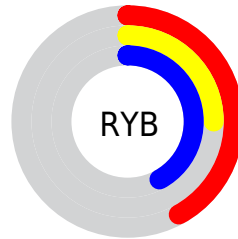
Distribution



Red (42%)

Green (25%)

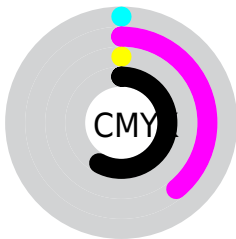
Blue (42%)



Red (42%)

Yellow (25%)

Blue (42%)

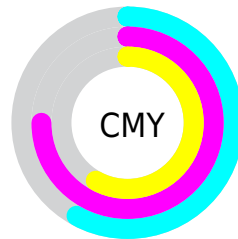


Cyan (0%)

Magenta (39%)

Yellow (0%)

Black (58%)



Cyan (58%)

Magenta (75%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0809, 17.1942, -11.1860 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 28.0809, 17.1942, -11.1860 by changing the saturation by 10% instead.

28.0809, 17.1942,
-11.1860

28.0809, 17.1942,
-11.1860

132.2244, 22.0590,
-11.7143

20.0547, 16.1135,
-10.7988

46.6198, 18.9399,
-11.7463

12.9839, 14.8776,
-10.3697

56.9978, 19.6388,
-11.9199

6.4378, 16.8821,
-11.7919

68.0486, 20.2389,
-12.0273

0.0000, NaN, -NF

0.0000, NaN, NaN

79.7336, 20.7505,
-12.0729

0.0000, NaN, NaN

92.0201, 21.1818,
-12.0609

0.0000, NaN, NaN

0.0000, NaN, NaN

104.8799, 21.5400,

-11.9949

0.0000, NaN, NaN

118.2885, 21.8307,
-11.8784

■ 28.0809, 17.1942,
-11.1860

■ 28.0809, 17.1942,
-11.1860

■ 26.0399, 22.1798,
-14.6131

■ 30.3630, 12.1356,
-7.7047

■ 24.2724, 26.9366,
-17.8797

■ 32.8524, 7.1085,
-4.2411

■ 22.8118, 31.2463,
-20.8368

■ 35.5216, 2.1688,
-0.8338

■ 21.6839, 34.8562,
-23.3120

■ 38.3464, -2.6570,
2.4989

■ 20.8993, 37.5356,
-25.1482

■ 41.3067, -7.3616,
5.7516

■ 20.3353, 39.5573,
-26.5331

■ 44.3858, -11.9484,
8.9264

■ 20.2604, 39.8325,
-26.7216

■ 47.5699, -16.4266,
12.0292

■ 50.8476, -20.8078,
15.0677

■ 54.2093, -25.1040,
18.0500

Harmonies

Analogous

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



28.0815, 7.9650, -21.4382



28.0809, 17.1942, -11.1860



28.0815, 21.4014, 0.3047

Triad

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



28.0815, 17.1933, -11.1852



28.0815, -0.2301, 14.6659



28.0815, -17.2756, -8.3232

Complementary

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



28.0809, 17.1942, -11.1860



34.3712, -17.1052, 12.2525

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.



28.0815, -18.8159, 2.6997



28.0809, 17.1942, -11.1860



28.0815, -9.8566, 13.7955

Square

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



28.0815, 17.1933, -11.1852



28.0815, 10.4604, 13.2131



28.0815, -16.3033, 10.1575



28.0815, -11.7425, -19.4066

Rectangle

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



28.0809, 17.1942, -11.1860



28.0815, 20.4002, 6.3899



28.0815, -16.3033, 10.1575



28.0815, -18.2393, -4.3952

Sweetspot

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



28.0815, 17.1933, -11.1852



45.7401, 5.2482, -2.7435



24.3832, 6.1735, -18.0240



21.9936, 2.8050, -1.5106



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



28.0815, 17.1933, -11.1852



34.8561, 28.4671, -18.7295



27.4025, 13.8901, -1.6937



17.7874, 1.1610, -0.4685



22.5702, 44.3736, -29.7680



50.9478, 100.1648, -67.1954

Inverse Universe

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



28.0815, 17.1933, -11.1852



34.8561, 28.4671, -18.7295



34.7793, -14.7036, 6.3435



17.7874, 1.1610, -0.4685



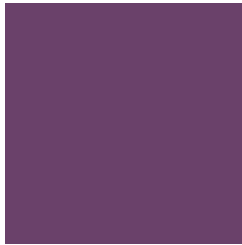
22.5702, 44.3736, -29.7680



50.9478, 100.1648, -67.1954

Previews

White Background



This preview shows how the HunterLab color 28.0809, 17.1942, -11.1860 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 28.0809, 17.1942, -11.1860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

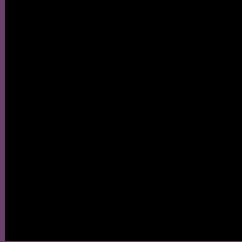
Any Text WCAG AA × Fail

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 28.0809, 17.1942, -11.1860 Background



This preview shows how black text looks on a background with the HunterLab color 28.0809, 17.1942, -11.1860.



This preview shows how white text looks on a background with the HunterLab color 28.0809, 17.1942, -11.1860.

-11.1860.

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

28.0809, 17.1942, -11.1860

Protanopia

28.1539, 3.0370, -18.0404

Deuteranopia

28.1853, 2.1304, -10.1450



Tritanopia

28.0483, 8.6516, 2.5930

Trichromacy



Original Color

28.0809, 17.1942, -11.1860

Protanomaly

27.7609, 7.7220, -16.1249

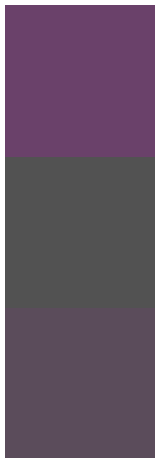
Deuteranomaly

27.8630, 7.4242, -11.1397

Tritanomaly

28.0078, 11.4241, -2.0861

Monochromacy



Original Color

28.0809, 17.1942, -11.1860

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

28.5453, 4.9936, -2.8807

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.0809, 17.1942, -11.1860 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(106, 65, 106)` looks like.

```
.text, #text, p{  
    color:rgb(106, 65, 106)  
}
```

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(106, 65, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 65, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 28.0809, 17.1942, -11.1860 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(106, 65, 106) }
```


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

```
.border{ border-color:rgb(106, 65, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 65, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 65, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 65, 106);  
box-shadow:4px 4px 4px 4px rgb(106, 65,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.0809, 17.1942, -11.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 65, 106) }
```

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

```
.background{ background-color: rgb(106, 65,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor