

Converting Colors

HunterLab(36.6910, -16.0614,
-7.4254)

Have a look what the booklet for
HunterLab(36.6910, -16.0614,
-7.4254) contains.

HunterLab(36.6910, -16.0614, -7.4254)	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(36.6910,
-16.0614, -7.4254)**

Conversions

Conversions Part 1

Format	Color
Hex	1C717A
RGB	28, 113, 122
RGB Percent	11%, 44%, 48%
CMY	0.8902, 0.5569, 0.5216
CMYK	0.77, 0.07, 0.00, 0.52
HSL	186°, 63%, 29%
HSV	186°, 77%, 48%
XYZ	9.8969, 13.4623, 20.4892
YIQ	88.6110, -53.5490, -15.2210

Conversions

Conversions Part 2

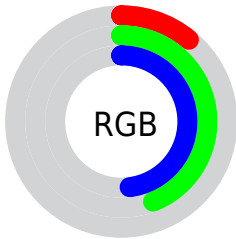
Format	Color
R _Y B	28, 73, 122
Decimal	1864058
CIE Lab	43.45, -21.03, -12.11
CIE LCh	43, 24.264, 209.927
Yxy	13.4628, 0.2257, 0.3070
Android (android.graphics.Color)	4280054138 (0xFF1C717A)
YUV	88.6110, 16.4608, -53.1558
Hunter-Lab	36.6910, -16.0614, -7.4254




Details

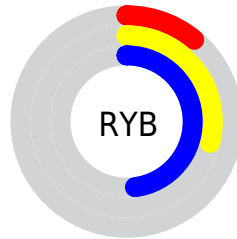
The HunterLab color $36.6910, -16.0614, -7.4254$ is a dark color, and the websafe version is hex 006666 . A complement of this color would be $23.5478, 26.2379, 12.2022$, and the grayscale version is $31.4202, -1.6765, 1.7071$.




A 20% lighter version of the original color is $56.6481, -19.6812, -7.3502$, and $20.6437, -9.3832, -5.5472$ is the 20% darker color. If you saturate the color by 10%, you get $36.1460, -16.3458, -8.2153$, and if you desaturate by 10%, it is $37.3275, -15.4348, -6.5153$.

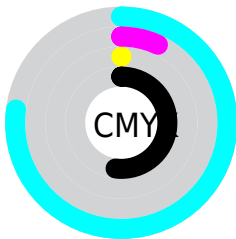
Distribution







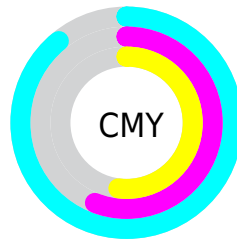
-  Red (11%)
-  Green (44%)
-  Blue (48%)






-  Red (11%)
-  Yellow (29%)
-  Blue (48%)



-  Cyan (77%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (89%)
-  Magenta (56%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.6910, -16.0614, -7.4254 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 36.6910, -16.0614, -7.4254 by changing the saturation by 10% instead.

■ 36.6910, -16.0614,
-7.4254

■ 36.6910, -16.0614,
-7.4254

■ 146.2405,
-31.3239, -5.9801

■ 27.8352, -14.1299,
-7.2767

■ 56.6857, -19.6780,
-7.4984

■ 19.8346, -12.0631,
-7.0454

■ 67.7176, -21.4081,
-7.4369

■ 12.7937, -9.7816,
-6.7302

■ 79.3846, -23.1043,
-7.3171

■ 6.1823, -10.8190,
-8.0848

■ 91.6540, -24.7756,
-7.1436

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 104.4974,
-26.4286, -6.9202

0.0000, NaN, NaN

■ 117.8904,

0.0000, NaN, NaN

-28.0685, -6.6500

0.0000, NaN, NaN

131.8112,
-29.6992, -6.3358

■ 36.6910, -16.0614,
-7.4254

■ 36.6910, -16.0614,
-7.4254

■ 36.1460, -16.3458,
-8.2153

■ 37.3275, -15.4348,
-6.5153

■ 35.6714, -16.3577,
-8.9097

■ 38.0588, -14.4516,
-5.4855

■ 35.5335, -16.3526,
-9.1133

■ 38.8887, -13.1091,
-4.3384

■ 39.8185, -11.4143,
-3.0804

■ 40.8478, -9.3814,
-1.7197

■ 41.9752, -7.0298,
-0.2660

■ 43.1984, -4.3826,
1.2705

■ 44.5142, -1.4647,
2.8795

■ 45.9193, 1.6980,
4.5510

Harmonies

Analogous

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



36.6917, -18.0209, 2.0186



36.6910, -16.0614, -7.4254



36.6917, -10.4067, -15.7450

Triad

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



36.6917, -16.0614, -7.4248



36.6917, 14.6307, -7.4711



36.6917, -1.9373, 15.1507

Complementary

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



36.6910, -16.0614, -7.4254



23.5478, 26.2379, 12.2022

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.



36.6917, 7.3281, 13.7756



36.6910, -16.0614, -7.4254



36.6917, 17.4500, 1.9759

Square

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



36.6917, -16.0614, -7.4248



36.6917, 7.2854, -15.7761



36.6917, 14.6570, 9.4372



36.6917, -10.3714, 13.7891

Rectangle

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



36.6910, -16.0614, -7.4254



36.6917, -5.0015, -18.7243



36.6917, 14.6570, 9.4372



36.6917, 1.1844, 14.9989

Sweetspot

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



36.6917, -16.0614, -7.4248



54.6868, -11.4014, -1.6214



37.8056, -29.5458, 20.1809



25.9436, -5.8761, -1.0433



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



36.6917, -16.0614, -7.4248



47.4915, -21.6924, -11.5562



23.8470, 3.2487, -31.0275



21.0950, -2.4276, 0.4681



36.4511, -16.7677, -9.3640



79.1822, -36.0823, -21.0795

Inverse Universe

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



24.8209, 38.7074, -21.3476



30.9469, 57.2049, -30.6143



32.2227, 6.2993, 17.9436



20.1773, 1.3035, -0.3574



23.5546, 45.3982, -24.0062



51.3776, 98.9182, -51.5480

Previews

White Background



This preview shows how the HunterLab color 36.6910, -16.0614, -7.4254 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 36.6910, -16.0614, -7.4254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

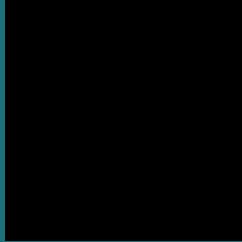
Any Text WCAG AA × Fail

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 36.6910, -16.0614, -7.4254 Background



This preview shows how black text looks on a background with the HunterLab color 36.6910, -16.0614, -7.4254.



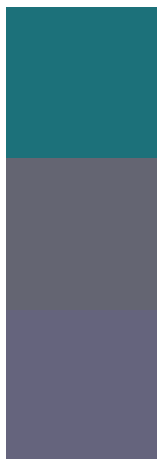
This preview shows how white text looks on a background with the HunterLab color 36.6910, -16.0614, -7.4254.

-16.0614, -7.4254.

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

36.6910, -16.0614, -7.4254

Protanopia

36.3753, -0.1260, -3.5361

Deuteranopia

36.5537, 2.5683, -8.9009



Tritanopia

36.6910, -16.0614, -7.4254

Trichromacy



Original Color

36.6910, -16.0614, -7.4254

Protanomaly

35.8376, -7.4962, -5.8913

Deuteranomaly

36.0752, -6.1620, -9.2182

Tritanomaly

36.6910, -16.0614, -7.4254

Monochromacy



Original Color

36.6910, -16.0614, -7.4254

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

32.9670, -8.7918, -1.9823

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.6910, -16.0614, -7.4254 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(28, 113, 122)` looks like.

```
.text, #text, p{  
    color:rgb(28, 113, 122)  
}
```

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(28, 113, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 113, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 36.6910, -16.0614, -7.4254 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(28, 113, 122) }
```


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

```
.border{ border-color:rgb(28, 113, 122) }
```

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

Here you see how a box with a 4 pixel rgb(28, 113, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 113, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 113, 122);  
box-shadow:4px 4px 4px 4px rgb(28, 113,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.6910, -16.0614, -7.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 113, 122) }
```

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

```
.background{ background-color: rgb(28, 113,  
122) }
```

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