

Converting Colors

HunterLab(33.6510, 16.8776,
-8.0039)

Have a look what the booklet for
HunterLab(33.6510, 16.8776,
-8.0039) contains.

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Color

**HunterLab(33.6998, 16.5742,
-8.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5174
RGB	123, 81, 116
RGB Percent	48%, 32%, 45%
CMY	0.5176, 0.6823, 0.5451
CMYK	0.00, 0.34, 0.06, 0.52
HSL	310°, 21%, 40%
HSV	310°, 34%, 48%
XYZ	14.2632, 11.3568, 17.9633
YIQ	97.5480, 13.7970, 19.7890

Conversions

Conversions Part 2

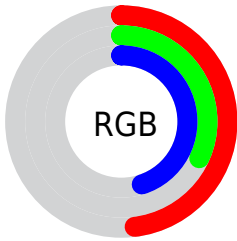
Format	Color
R_{YB}	123, 81, 116
Decimal	8081780
CIE _{Lab}	40.18, 23.57, -12.84
CIE _{LCh}	40, 26.837, 331.424
Yxy	11.3573, 0.3273, 0.2606
Android (android.graphics.Color)	4286271860 (0xFF7B5174)
YUV	97.5480, 9.0968, 22.3214
Hunter-Lab	33.6998, 16.5742, -8.0140

Details

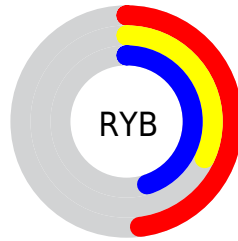
The HunterLab color $[33.6998, 16.5742, -8.0140]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[40.7679, -17.7594, 11.3819]$, and the grayscale version is $[34.7433, -1.8538, 1.8877]$.

A 20% lighter version of the original color is $[53.1882, 17.9665, -8.2068]$, and $[17.4238, 14.5034, -7.6191]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.0557, 22.1711, -10.8400]$, and if you desaturate by 10%, it is $[36.6091, 10.9369, -5.0340]$.

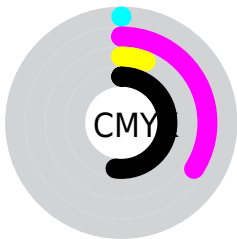
Distribution



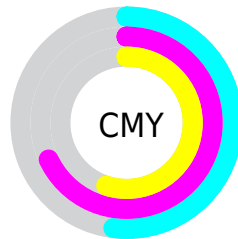
- Red (48%)
- Green (32%)
- Blue (45%)



- Red (48%)
- Yellow (32%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (6%)
- Black (52%)



- Cyan (52%)
- Magenta (68%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6998, 16.5742, -8.0140 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 33.6998, 16.5742, -8.0140 by changing the saturation by 10% instead.

33.6998, 16.5742,
-8.0140

33.6998, 16.5742,
-8.0140

141.4576, 20.3959,
-6.9770

25.1151, 15.6582,
-7.8082

53.2156, 18.0280,
-8.1933

17.4157, 14.5945,
-7.5205

64.0311, 18.5980,
-8.1811

10.7192, 13.3702,
-7.1603

75.4939, 19.0783,
-8.1082

1.3951, 73.5374,
-38.0650

87.5692, 19.4778,
-7.9794

0.0000, NaN, NaN

0.0000, NaN, NaN

100.2274, 19.8037,
-7.7987

0.0000, NaN, NaN

113.4429, 20.0620,

0.0000, NaN, NaN

-7.5694

0.0000, NaN, NaN

127.1929, 20.2580,
-7.2947

■ 33.6998, 16.5742,
-8.0140

■ 33.6998, 16.5742,
-8.0140

■ 31.0557, 22.1711,
-10.8400

■ 36.6091, 10.9369,
-5.0340

■ 28.7162, 27.5794,
-13.4123

■ 39.7442, 5.3524,
-1.9721

■ 26.7256, 32.5721,
-15.5932

■ 43.0743, -0.1343,
1.1284

■ 25.1235, 36.8582,
-17.2233

■ 46.5733, -5.5053,
4.2414

■ 23.9361, 40.1315,
-18.1549

■ 50.2195, -10.7584,
7.3523

■ 23.1533, 42.2054,
-18.3269

■ 53.9952, -15.9005,
10.4540

■ 22.7602, 43.2358,
-18.3028

■ 57.8857, -20.9425,
13.5437

■ 61.8791, -25.8967,
16.6213

■ 65.9653, -30.7753,
19.6878

Harmonies

Analogous

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



33.7006, 8.6956, -17.5345



33.6998, 16.5742, -8.0140



33.7006, 19.3889, 2.2807

Triad

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



33.7006, 16.5731, -8.0132



33.7006, -2.2711, 15.3681



33.7006, -16.5369, -9.0221

Complementary

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



33.6998, 16.5742, -8.0140



40.7679, -17.7594, 11.3819

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.



33.7006, -18.7773, 1.3819



33.6998, 16.5742, -8.0140



33.7006, -11.1501, 13.9055

Square

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



33.7006, 16.5731, -8.0132



33.7006, 7.7842, 14.1651



33.7006, -16.9230, 9.3890



33.7006, -10.4200, -18.2254

Rectangle

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



33.6998, 16.5742, -8.0140



33.7006, 17.7864, 7.7942



33.7006, -16.9230, 9.3890



33.7006, -17.7344, -5.4625

Sweetspot

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



33.7006, 16.5731, -8.0132



54.8932, 4.2825, -1.0253



30.6435, 7.7852, -17.2385



26.3905, 2.4937, -0.7313



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



33.7006, 16.5731, -8.0132



42.2820, 28.0812, -13.7208



33.0493, 13.3319, 1.1747



20.1658, 1.2420, -0.1946



23.1478, 43.9697, -18.5961



50.4492, 95.6556, -39.1815

Inverse Universe

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



33.7006, 16.5731, -8.0132



42.2820, 28.0812, -13.7208



41.2550, -14.9228, 4.3664



20.1658, 1.2420, -0.1946



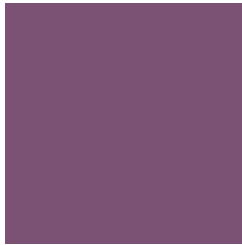
23.1478, 43.9697, -18.5961



50.4492, 95.6556, -39.1815

Previews

White Background



This preview shows how the HunterLab color 33.6998, 16.5742, -8.0140 looks on a white background.

Color Contrast Check

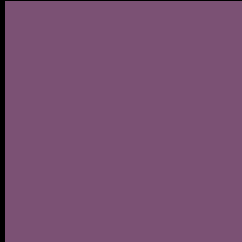
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.6998, 16.5742, -8.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

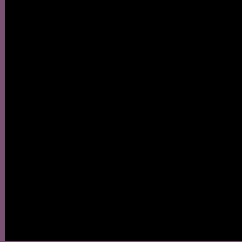
Any Text WCAG AA × Fail

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 33.6998, 16.5742, -8.0140 Background



This preview shows how black text looks on a background with the HunterLab color 33.6998, 16.5742, -8.0140.



This preview shows how white text looks on a background with the HunterLab color 33.6998, 16.5742, -8.0140.

-8.0140.

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

33.6998, 16.5742, -8.0140

Protanopia

33.8593, 1.5943, -13.0825

Deuteranopia

33.8770, 2.2101, -6.9482



Tritanopia

33.7955, 9.5488, 3.2284

Trichromacy



Original Color

33.6998, 16.5742, -8.0140

Protanomaly

33.4702, 6.6553, -11.8754

Deuteranomaly

33.7429, 7.0358, -7.5844

Tritanomaly

33.6826, 12.0919, -0.7054

Monochromacy



Original Color

33.6998, 16.5742, -8.0140

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

34.3511, 4.5297, -1.8210

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6998, 16.5742, -8.0140 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(123, 81, 116)` looks like.

```
.text, #text, p{  
    color:rgb(123, 81, 116)  
}
```

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(123, 81, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 81, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6998, 16.5742, -8.0140 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(123, 81, 116) }
```


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

```
.border{ border-color:rgb(123, 81, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 81, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 81, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 81, 116);  
box-shadow:4px 4px 4px 4px rgb(123, 81,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.6998, 16.5742, -8.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 81, 116) }
```

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

```
.background{ background-color: rgb(123, 81,  
116) }
```

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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