

Converting Colors

HunterLab(36.1457, 12.2844,
7.6124)

Have a look what the booklet for
HunterLab(36.1457, 12.2844,
7.6124) contains.

HunterLab(36.2648, 12.1806, 7.8177)	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(36.2648, 12.1806,
7.8177)**

Conversions

Conversions Part 1

Format	Color
Hex	875A57
RGB	135, 90, 87
RGB Percent	53%, 35%, 34%
CMY	0.4706, 0.6470, 0.6588
CMYK	0.00, 0.33, 0.36, 0.47
HSL	4°, 22%, 44%
HSV	4°, 36%, 53%
XYZ	15.3681, 13.1514, 10.7453
YIQ	103.1130, 27.7830, 8.6070

Conversions

Conversions Part 2

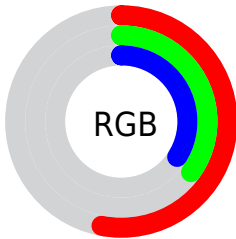
Format	Color
R_{YB}	135, 90, 87
Decimal	8870487
CIE _{Lab}	42.99, 18.12, 9.28
CIE _{LCh}	43, 20.363, 27.127
Yxy	13.1520, 0.3914, 0.3349
Android (android.graphics.Color)	4287060567 (0xFF875A57)
YUV	103.1130, -7.9437, 27.9649
Hunter-Lab	36.2648, 12.1806, 7.8177

Details

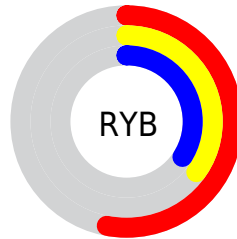
The HunterLab color $36.2648, 12.1806, 7.8177$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $45.0303, -13.1807, -2.6636$, and the grayscale version is $36.8935, -1.9685, 2.0045$.

A 20% lighter version of the original color is $56.1333, 13.4734, 9.8271$, and $19.5129, 10.5475, 5.5526$ is the 20% darker color. If you saturate the color by 10%, you get $33.1591, 16.7396, 9.2986$, and if you desaturate by 10%, it is $39.6403, 7.7777, 6.3387$.

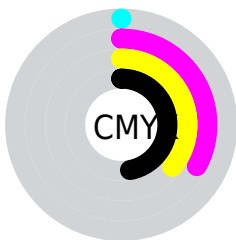
Distribution



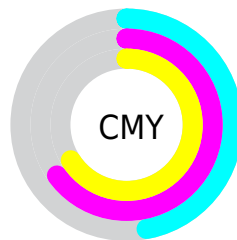
- Red (53%)
- Green (35%)
- Blue (34%)



- Red (53%)
- Yellow (35%)
- Blue (34%)



- Cyan (0%)
- Magenta (33%)
- Yellow (36%)
- Black (47%)



- Cyan (47%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.2648, 12.1806, 7.8177 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 36.2648, 12.1806, 7.8177 by changing the saturation by 10% instead.

36.2648, 12.1806,
7.8177

36.2648, 12.1806,
7.8177

145.5642, 13.7287,
17.7494

27.4468, 11.5816,
6.7184

56.1930, 13.0470,
9.9839

19.4879, 10.8498,
5.5867

67.1947, 13.3451,
11.0658

12.4944, 9.9577,
4.3954

78.8332, 13.5658,
12.1533

5.7547, 13.4155,
4.0283

91.0754, 13.7167,
13.2492

0.0000, NaN, NaN

0.0000, NaN, NaN

103.8930, 13.8037,
14.3556

0.0000, NaN, NaN

117.2611, 13.8320,

0.0000, NaN, NaN

15.4738

0.0000, NaN, NaN

131.1580, 13.8058,
16.6048

■ 36.2648, 12.1806,
7.8177

■ 36.2648, 12.1806,
7.8177

■ 33.1591, 16.7396,
9.2986

■ 39.6403, 7.7777,
6.3387

■ 30.3687, 21.3849,
10.7411

■ 43.2425, 3.5630,
4.8805

■ 27.9490, 25.9689,
12.0831

■ 47.0391, -0.4649,
3.4530

■ 25.9557, 30.2556,
13.2366

■ 51.0034, -4.3194,
2.0586

■ 24.4357, 33.9333,
14.1014

■ 55.1137, -8.0196,
0.6962

■ 23.4095, 36.6765,
14.6305

■ 59.3526, -11.5856,
-0.6371

■ 23.0960, 37.5124,
14.8884

■ 63.7059, -15.0369,
-1.9450

■ 68.1619, -18.3907,
-3.2310

■ 72.7110, -21.6624,
-4.4986

Harmonies

Analogous

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



36.2657, 14.0389, 1.2622



36.2648, 12.1806, 7.8177



36.2657, 6.4401, 11.9097

Triad

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



36.2657, 12.1790, 7.8183



36.2657, -13.5359, 8.8070



36.2657, -2.6748, -15.0655

Complementary

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



36.2648, 12.1806, 7.8177



45.0303, -13.1807, -2.6636

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.



36.2657, -9.6166, -11.9334



36.2648, 12.1806, 7.8177



36.2657, -15.5512, 2.6717

Square

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



36.2657, 12.1790, 7.8183



36.2657, -8.4341, 12.3915



36.2657, -14.1776, -5.0409



36.2657, 5.0524, -12.9033

Rectangle

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



36.2648, 12.1806, 7.8177



36.2657, 1.4153, 13.1810



36.2657, -14.1776, -5.0409



36.2657, -5.1718, -14.5840

Sweetspot

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



36.2657, 12.1790, 7.8183



60.0271, 2.4157, 5.7027



36.9457, 20.4070, -12.2558



28.6064, 1.4639, 2.8509



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



36.2657, 12.1790, 7.8183



45.0092, 21.4182, 12.1298



42.1175, 1.1481, 13.2793



21.7533, 0.4510, 1.8848



22.1955, 35.9653, 14.3064



1.4113, 1.7863, 0.9009

Inverse Universe

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



45.0303, -13.1807, -2.6636



59.2168, -20.0620, -4.9613



38.2462, -2.8521, -12.0164



22.8699, -2.7351, 0.5616



39.3839, -19.1500, -7.8871



2.3975, -1.2238, -0.3549

Previews

White Background



This preview shows how the HunterLab color 36.2648, 12.1806, 7.8177 looks on a white background.

Color Contrast Check

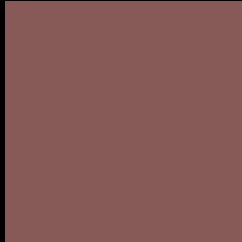
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.2648, 12.1806, 7.8177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

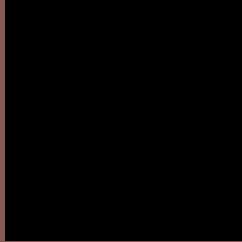
Any Text WCAG AA × Fail

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 36.2648, 12.1806, 7.8177 Background



This preview shows how black text looks on a background with the HunterLab color 36.2648, 12.1806, 7.8177.



This preview shows how white text looks on a background with the HunterLab color 36.2648, 12.1806,

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

36.2648, 12.1806, 7.8177

Protanopia

36.5475, -2.0723, 5.6840

Deuteranopia

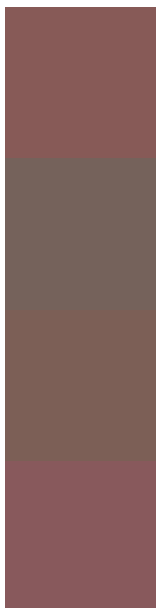
36.3169, 2.2264, 8.0439



Tritanopia

36.3390, 13.9748, 4.9723

Trichromacy



Original Color

36.2648, 12.1806, 7.8177

Protanomaly

36.4316, 2.8406, 6.3911

Deuteranomaly

36.2511, 5.9107, 8.0418

Tritanomaly

36.2653, 13.6029, 6.0310

Monochromacy



Original Color

36.2648, 12.1806, 7.8177

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.3913, 3.0018, 4.0513

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.2648, 12.1806, 7.8177 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(135, 90, 87)` looks like.

```
.text, #text, p{  
    color:rgb(135, 90, 87)  
}
```

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(135, 90, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 90, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 36.2648, 12.1806, 7.8177 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(135, 90, 87) }
```


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

```
.border{ border-color:rgb(135, 90, 87) }
```

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

Here you see how a box with a 4 pixel rgb(135, 90, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 90, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 90, 87);  
box-shadow:4px 4px 4px 4px rgb(135, 90,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.2648, 12.1806, 7.8177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 90, 87) }
```

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

```
.background{ background-color: rgb(135, 90,  
87) }
```

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