

Converting Colors

HunterLab(36.5508, 16.2056,
16.8209)

Have a look what the booklet for
HunterLab(36.5508, 16.2056,
16.8209) contains.

HunterLab(36.5112, 16.4597, 16.7106)	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(36.5112, 16.4597,
16.7106)**

Conversions

Conversions Part 1

Format	Color
Hex	955638
RGB	149, 86, 56
RGB Percent	58%, 34%, 22%
CMY	0.4157, 0.6627, 0.7804
CMYK	0.00, 0.42, 0.62, 0.42
HSL	19°, 45%, 40%
HSV	19°, 62%, 58%
XYZ	16.4360, 13.3307, 5.4482
YIQ	101.4170, 47.1780, 4.0260

Conversions

Conversions Part 2

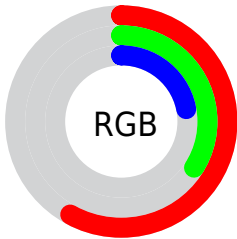
Format	Color
R_{YB}	149, 100, 56
Decimal	9786936
CIE _{Lab}	43.26, 23.14, 28.47
CIE _{LCh}	43, 36.688, 50.895
Yxy	13.3314, 0.4667, 0.3786
Android (android.graphics.Color)	4287977016 (0xFF955638)
YUV	101.4170, -22.3906, 41.7303
Hunter-Lab	36.5112, 16.4597, 16.7106

Details

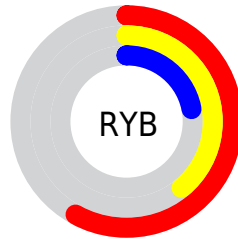
The HunterLab color **36.5112, 16.4597, 16.7106** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **40.2535, -9.9048, -17.2497**, and the grayscale version is **36.3014, -1.9370, 1.9723**.

A 20% lighter version of the original color is **56.3290, 17.9010, 21.2379**, and **19.6399, 14.7812, 11.3108** is the 20% darker color. If you saturate the color by 10%, you get **34.2156, 20.3315, 17.7882**, and if you desaturate by 10%, it is **39.0214, 12.7723, 15.2361**.

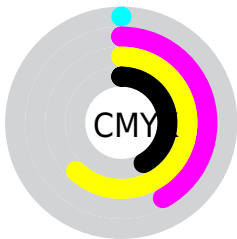
Distribution



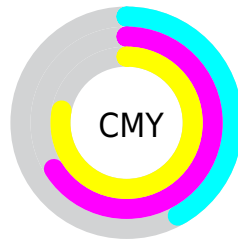
- Red (58%)
- Green (34%)
- Blue (22%)



- Red (58%)
- Yellow (39%)
- Blue (22%)



- Cyan (0%)
- Magenta (42%)
- Yellow (62%)
- Black (42%)



- Cyan (42%)
- Magenta (66%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5112, 16.4597, 16.7106 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 36.5112, 16.4597, 16.7106 by changing the saturation by 10% instead.

■ 36.5112, 16.4597,
16.7106

■ 36.5112, 16.4597,
16.7106

145.9557, 19.8973,
35.8847

■ 27.6715, 15.6059,
14.1219

■ 56.4782, 17.8034,
21.4445

■ 19.6884, 14.6115,
11.3331

■ 67.4973, 18.3258,
23.6592

■ 12.6674, 13.4573,
8.8672

■ 79.1523, 18.7621,
25.8030

■ 6.0060, 16.5197,
4.2042

■ 91.4103, 19.1206,
27.8913

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.2428, 19.4081,
29.9356

0.0000, NaN, NaN

■ 117.6253, 19.6303,

0.0000, NaN, NaN

31.9448

0.0000, NaN, NaN

131.5361, 19.7920,
33.9259

■ 36.5112, 16.4597,
16.7106

■ 36.5112, 16.4597,
16.7106

■ 34.2156, 20.3315,
17.7882

■ 39.0214, 12.7723,
15.2361

■ 32.1563, 24.3310,
18.4168

■ 41.7200, 9.3078,
13.4184

■ 30.3583, 28.3518,
18.5666

■ 44.5864, 6.0738,
11.3101

■ 29.1706, 31.2802,
18.5224

■ 47.6018, 3.0660,
8.9569

■ 50.7498, 0.2718,
6.3971

■ 54.0164, -2.3254,
3.6624

■ 57.3894, -4.7436,
0.7782

■ 60.8586, -7.0009,
-2.2347

■ 64.4150, -9.1143,
-5.3597

Harmonies

Analogous

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



36.5121, 26.4833, 9.9335



36.5112, 16.4597, 16.7106



36.5121, 2.3705, 19.2207

Triad

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



36.5121, 16.4575, 16.7111



36.5121, -24.7455, 5.7815



36.5121, 8.0662, -30.5829

Complementary

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



36.5112, 16.4597, 16.7106



40.2535, -9.9048, -17.2497

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.



36.5121, -6.0788, -33.0253



36.5112, 16.4597, 16.7106



36.5121, -23.6909, -8.2784

Square

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



36.5121, 16.4575, 16.7111



36.5121, -20.4408, 14.6498



36.5121, -17.3072, -23.7174



36.5121, 21.1579, -17.9298

Rectangle

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



36.5112, 16.4597, 16.7106



36.5121, -6.8598, 19.1631



36.5121, -17.3072, -23.7174



36.5121, 3.2334, -32.7728

Sweetspot

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



36.5121, 16.4575, 16.7111



64.9611, 2.9408, 10.9756



32.5010, 37.4316, -11.4729



30.0725, 1.8527, 5.5755



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



36.5121, 16.4575, 16.7111



44.6166, 29.3926, 24.2261



48.1290, -5.0333, 24.9596



24.7037, -0.2789, 2.6401



26.8532, 28.4418, 17.0447



3.7048, 1.3891, 2.3072

Inverse Universe

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



40.2535, -9.9048, -17.2497



50.3626, -12.3764, -29.1312



27.8971, 11.5925, -43.0373



24.9999, -2.2806, 0.0212



31.1502, -5.7808, -26.4560



4.1514, -1.6376, -1.6538

Previews

White Background



This preview shows how the HunterLab color 36.5112, 16.4597, 16.7106 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 36.5112, 16.4597, 16.7106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

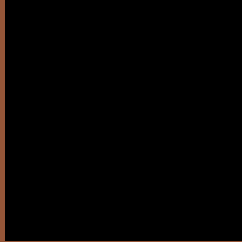
Any Text WCAG AA × Fail

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 36.5112, 16.4597, 16.7106 Background



This preview shows how black text looks on a background with the HunterLab color 36.5112, 16.4597, 16.7106.



This preview shows how white text looks on a background with the HunterLab color 36.5112, 16.4597,

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

36.5112, 16.4597, 16.7106

Protanopia

36.7329, -4.0169, 15.2082

Deuteranopia

36.6443, 2.1907, 17.1687



Tritanopia

36.4945, 21.9315, 7.8723

Trichromacy



Original Color

36.5112, 16.4597, 16.7106

Protanomaly

36.3808, 2.8048, 15.4998

Deuteranomaly

36.5241, 6.9474, 16.9622

Tritanomaly

36.3213, 19.8632, 11.5674

Monochromacy



Original Color

36.5112, 16.4597, 16.7106

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

35.8792, 3.3483, 7.9652

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5112, 16.4597, 16.7106 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(149, 86, 56)` looks like.

```
.text, #text, p{  
    color:rgb(149, 86, 56)  
}
```

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(149, 86, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 86, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5112, 16.4597, 16.7106 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(149, 86, 56) }
```


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

```
.border{ border-color:rgb(149, 86, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 86, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 86, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 86, 56);  
box-shadow:4px 4px 4px 4px rgb(149, 86,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5112, 16.4597, 16.7106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 86, 56) }
```

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

```
.background{ background-color: rgb(149, 86,  
56) }
```

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