

Converting Colors

HunterLab(44.6708, 36.9215,
16.7184)

Have a look what the booklet for
HunterLab(44.6708, 36.9215,
16.7184) contains.

| | |
|---|----|
| HunterLab(44.6573, 36.8275, 16.7519) | 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(44.6573, 36.8275,
16.7519)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C75955 |
| RGB | 199, 89, 85 |
| RGB Percent | 78%, 35%, 33% |
| CMY | 0.2196, 0.6510, 0.6667 |
| CMYK | 0.00, 0.55, 0.57, 0.22 |
| HSL | 2°, 50%, 56% |
| HSV | 2°, 57%, 78% |
| XYZ | 28.7652, 19.9427, 10.9276 |
| YIQ | 121.4340, 66.8440, 22.0760 |

Conversions

Conversions Part 2

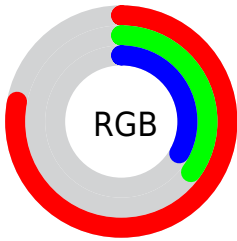
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 199, 89, 85 |
| Decimal | 13064533 |
| CIE _{Lab} | 51.77, 43.57, 23.91 |
| CIE _{LCh} | 52, 49.698, 28.753 |
| Yxy | 19.9438, 0.4823, 0.3344 |
| Android (android.graphics.Color) | 4291254613 (0xFFC75955) |
| YUV | 121.4340, -17.9620, 68.0254 |
| Hunter-Lab | 44.6573, 36.8275, 16.7519 |

Details

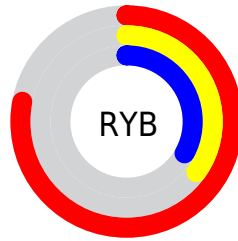
The HunterLab color **44.6573, 36.8275, 16.7519** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **67.1433, -28.2583, -6.8340**, and the grayscale version is **43.9459, -2.3448, 2.3877**.

A 20% lighter version of the original color is **65.0809, 37.7439, 19.8812**, and **26.4394, 33.5928, 12.3782** is the 20% darker color. If you saturate the color by 10%, you get **41.0865, 44.0454, 18.8495**, and if you desaturate by 10%, it is **48.9171, 29.2746, 14.4888**.

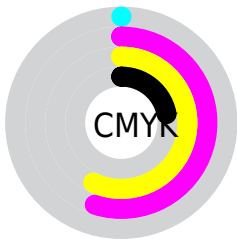
Distribution



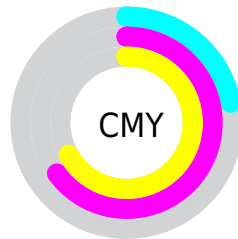
- Red (78%)
- Green (35%)
- Blue (33%)



- Red (78%)
- Yellow (35%)
- Blue (33%)



- Cyan (0%)
- Magenta (55%)
- Yellow (57%)
- Black (22%)



- Cyan (22%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.6573, 36.8275, 16.7519 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 44.6573, 36.8275, 16.7519 by changing the saturation by 10% instead.

44.6573, 36.8275,
16.7519

44.6573, 36.8275,
16.7519

158.6225, 46.6385,
33.3296

35.1486, 35.2194,
14.6435

65.8202, 39.6791,
20.7066

26.4299, 33.4989,
12.4004

77.3830, 40.9412,
22.5943

18.5822, 31.6942,
9.9662

89.5533, 42.1030,
24.4410

11.7155, 29.9336,
8.2009

102.3022, 43.1719,
26.2565

4.4312, 45.4141,
3.1018

115.6045, 44.1543,
28.0480

0.0000, INF, NaN

0.0000, NaN, NaN

129.4381, 45.0561,

29.8211

0.0000, NaN, NaN

143.7833, 45.8826,
31.5805

0.0000, NaN, NaN

■ 44.6573, 36.8275,
16.7519

■ 44.6573, 36.8275,
16.7519

■ 41.0865, 44.0454,
18.8495

■ 48.9171, 29.2746,
14.4888

■ 38.2967, 50.4245,
20.6060

■ 53.7606, 21.7442,
12.1836

■ 36.3522, 55.3722,
21.8415

■ 59.0958, 14.4244,
9.9122

■ 35.2446, 58.4373,
22.4797

■ 64.8439, 7.3967,
7.7116

■ 35.0626, 58.9331,
22.6371

■ 70.9408, 0.6776,
5.5950

■ 77.3350, -5.7496,
3.5623

■ 83.9856, -11.9158,
1.6072

■ 90.8599, -17.8562,
-0.2792

■ 95.3321, -21.9764,
-0.4811

Harmonies

Analogous

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



44.6585, 43.2236, 1.6231



44.6573, 36.8275, 16.7519



44.6585, 19.4959, 23.8308

Triad

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



44.6585, 36.8242, 16.7527



44.6585, -30.8702, 17.6122



44.6585, -3.2235, -52.2002

Complementary

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



44.6573, 36.8275, 16.7519



67.1433, -28.2583, -6.8340

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.



44.6585, -20.7261, -41.8401



44.6573, 36.8275, 16.7519



44.6585, -34.8430, 3.2239

Square

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



44.6585, 36.8242, 16.7527



44.6585, -19.5061, 24.1502



44.6585, -31.4819, -19.1315



44.6585, 17.7802, -43.3385

Rectangle

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



44.6573, 36.8275, 16.7519



44.6585, 5.4097, 25.5524



44.6585, -31.4819, -19.1315



44.6585, -9.6797, -50.7910

Sweetspot

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



44.6585, 36.8242, 16.7527



85.8321, 9.7544, 10.1938



47.5272, 54.5675, -34.3142



38.9739, 5.3743, 4.9866

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



44.6585, 36.8242, 16.7527



53.2531, 60.7269, 25.6311



57.7011, 8.6605, 26.8756



32.7042, 0.9678, 2.8326



28.1641, 47.0958, 18.1791



6.3002, 9.6784, 4.0516

Inverse Universe

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



67.1433, -28.2583, -6.8340



87.4773, -40.6567, -10.9314



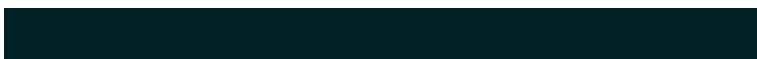
49.2842, -2.3204, -34.6743



34.6427, -4.3915, 0.8733



51.8876, -26.2505, -8.1878



11.3809, -5.8208, -1.6596

Previews

White Background



This preview shows how the HunterLab color 44.6573, 36.8275, 16.7519 looks on a white background.

Color Contrast Check

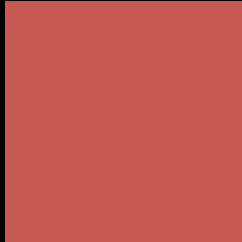
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 44.6573, 36.8275, 16.7519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

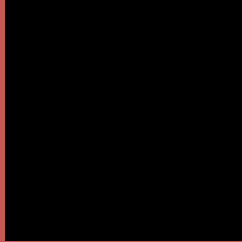
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 44.6573, 36.8275, 16.7519 Background



This preview shows how black text looks on a background with the HunterLab color 44.6573, 36.8275, 16.7519.



This preview shows how white text looks on a background with the HunterLab color 44.6573, 36.8275,

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

44.6573, 36.8275, 16.7519

Protanopia

44.9007, -3.5676, 11.6848

Deuteranopia

44.6381, 3.1427, 17.4803



Tritanopia

44.7962, 38.4765, 14.2608

Trichromacy



Original Color

44.6573, 36.8275, 16.7519

Protanomaly

43.8897, 10.4725, 12.6026

Deuteranomaly

43.9774, 15.2460, 16.6034

Tritanomaly

44.7372, 38.2070, 15.1185

Monochromacy



Original Color

44.6573, 36.8275, 16.7519

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

42.9064, 10.4890, 7.0176

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.6573, 36.8275, 16.7519 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(199, 89, 85)` looks like.

```
.text, #text, p{  
    color:rgb(199, 89, 85)  
}
```

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(199, 89, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 89, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 44.6573, 36.8275, 16.7519 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(199, 89, 85) }
```


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

```
.border{ border-color:rgb(199, 89, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 89, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 89, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 89, 85);  
box-shadow:4px 4px 4px 4px rgb(199, 89,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 44.6573, 36.8275, 16.7519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 89, 85) }
```

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

```
.background{ background-color: rgb(199, 89,  
85) }
```

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