

Converting Colors

HunterLab(45.6166, 29.8881,
23.3616)

Have a look what the booklet for
HunterLab(45.6166, 29.8881,
23.3616) contains.

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Color

**HunterLab(45.7287, 29.8857,
23.5109)**

Conversions

Conversions Part 1

Format	Color
Hex	C5623A
RGB	197, 98, 58
RGB Percent	77%, 38%, 23%
CMY	0.2275, 0.6157, 0.7725
CMYK	0.00, 0.50, 0.71, 0.23
HSL	17°, 55%, 50%
HSV	17°, 71%, 77%
XYZ	28.1573, 20.9111, 6.5552
YIQ	123.0410, 71.8440, 8.5480

Conversions

Conversions Part 2

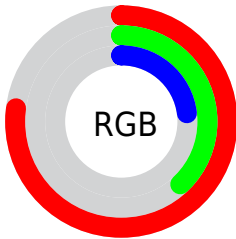
Format	Color
R_{YB}	197, 114, 58
Decimal	12935738
CIE Lab	52.85, 36.53, 40.33
CIE LCh	53, 54.414, 47.823
Yxy	20.9123, 0.5062, 0.3759
Android (android.graphics.Color)	4291125818 (0xFFC5623A)
YUV	123.0410, -32.0652, 64.8620
Hunter-Lab	45.7287, 29.8857, 23.5109

Details

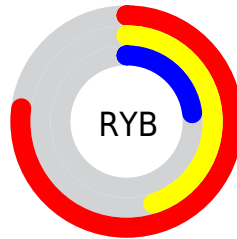
The HunterLab color **45.7287, 29.8857, 23.5109** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **53.8914, -15.2175, -25.1733**, and the grayscale version is **44.6234, -2.3810, 2.4245**.

A 20% lighter version of the original color is **66.4336, 30.9835, 29.0643**, and **27.3065, 26.9560, 16.6106** is the 20% darker color. If you saturate the color by 10%, you get **42.8358, 35.6689, 24.4462**, and if you desaturate by 10%, it is **49.0024, 24.2124, 21.9658**.

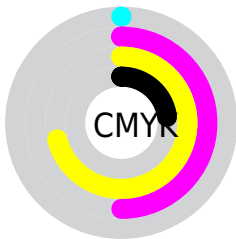
Distribution



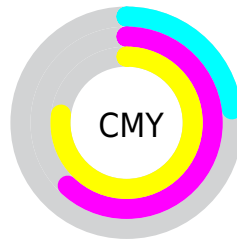
- Red (77%)
- Green (38%)
- Blue (23%)



- Red (77%)
- Yellow (45%)
- Blue (23%)



- Cyan (0%)
- Magenta (50%)
- Yellow (71%)
- Black (23%)



- Cyan (23%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.7287, 29.8857, 23.5109 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 45.7287, 29.8857, 23.5109 by changing the saturation by 10% instead.

45.7287, 29.8857,
23.5109

45.7287, 29.8857,
23.5109

160.2535, 37.3258,
48.0213

36.1385, 28.5588,
20.1920

67.0384, 32.1726,
29.6181

27.3309, 27.1052,
16.6329

78.6684, 33.1584,
32.4735

19.3845, 25.5255,
13.5692

90.9025, 34.0498,
35.2295

12.4053, 23.8681,
8.6837

103.7123, 34.8545,
37.9037

5.6203, 29.6402,
3.9342

117.0730, 35.5791,
40.5099

0.0000, INF, NaN

0.0000, NaN, NaN

130.9627, 36.2292,

43.0592

0.0000, NaN, NaN

145.3620, 36.8100,
45.5605

0.0000, NaN, NaN

■ 45.7287, 29.8857,
23.5109

■ 45.7287, 29.8857,
23.5109

■ 42.8358, 35.6689,
24.4462

■ 49.0024, 24.2124,
21.9658

■ 40.3602, 41.3815,
24.7152

■ 52.6113, 18.7785,
19.8919

■ 38.4275, 46.4364,
24.4918

■ 56.5167, 13.6433,
17.3760

■ 60.6825, 8.8297,
14.4961

■ 65.0774, 4.3347,
11.3179

■ 69.6744, 0.1409,
7.8943

■ 74.4507, -3.7761,
4.2673

■ 79.3869, -7.4436,
0.4698

■ 84.4667, -10.8883,
-3.4727

Harmonies

Analogous

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



45.7299, 45.6884, 13.2530



45.7287, 29.8857, 23.5109



45.7299, 6.9115, 27.0471

Triad

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



45.7299, 29.8824, 23.5115



45.7299, -37.1278, 10.2508



45.7299, 11.3664, -55.4757

Complementary

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



45.7287, 29.8857, 23.5109



53.8914, -15.2175, -25.1733

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.



45.7299, -11.1002, -57.6286



45.7287, 29.8857, 23.5109



45.7299, -36.3907, -11.7612

Square

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



45.7299, 29.8824, 23.5115



45.7299, -29.9656, 22.2180



45.7299, -27.7129, -38.9718



45.7299, 33.6748, -34.0166

Rectangle

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



45.7287, 29.8857, 23.5109



45.7299, -8.1076, 27.2084



45.7299, -27.7129, -38.9718



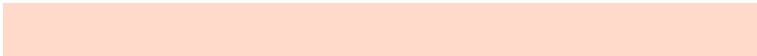
45.7299, 3.5126, -58.7562

Sweetspot

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



45.7299, 29.8824, 23.5115



86.6331, 6.2465, 15.4843



41.6556, 58.5599, -19.1027



39.3070, 3.6549, 7.7287

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.7299, 29.8824, 23.5115



55.3514, 52.1619, 33.0335



63.0637, -3.9731, 35.0264



33.3556, -0.1572, 3.5528



31.3661, 37.0768, 19.9767



7.6990, 5.7390, 4.8445

Inverse Universe

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



53.8914, -15.2175, -25.1733



67.5335, -18.1569, -41.7634



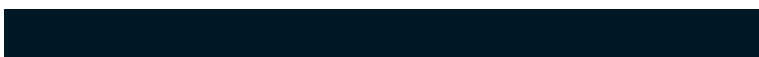
34.5391, 18.7431, -69.0650



33.9585, -3.2948, 0.0600



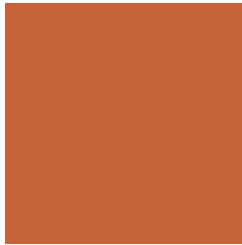
38.9811, -9.1429, -28.9860



9.1604, -2.9621, -5.0553

Previews

White Background



This preview shows how the HunterLab color 45.7287, 29.8857, 23.5109 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 45.7287, 29.8857, 23.5109 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 45.7287, 29.8857, 23.5109 Background



This preview shows how black text looks on a background with the HunterLab color 45.7287, 29.8857, 23.5109.



This preview shows how white text looks on a background with the HunterLab color 45.7287, 29.8857,

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

45.7287, 29.8857, 23.5109

Protanopia

45.9994, -5.1488, 21.4100

Deuteranopia

45.6706, 3.1838, 23.8252



Tritanopia

45.6855, 36.1694, 13.4649

Trichromacy



Original Color

45.7287, 29.8857, 23.5109

Protanomaly

45.2084, 7.2314, 21.6225

Deuteranomaly

45.4256, 12.8369, 23.4982

Tritanomaly

45.6402, 33.4757, 17.8133

Monochromacy



Original Color

45.7287, 29.8857, 23.5109

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.0676, 7.3250, 11.4005

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.7287, 29.8857, 23.5109 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(197, 98, 58)` looks like.

```
.text, #text, p{  
    color:rgb(197, 98, 58)  
}
```

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(197, 98, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 98, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 45.7287, 29.8857, 23.5109 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(197, 98, 58) }
```


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

```
.border{ border-color:rgb(197, 98, 58) }
```

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

Here you see how a box with a 4 pixel rgb(197, 98, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 98, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 98, 58);  
box-shadow:4px 4px 4px 4px rgb(197, 98,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.7287, 29.8857, 23.5109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 98, 58) }
```

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

```
.background{ background-color: rgb(197, 98,  
58) }
```

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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