

Converting Colors

HunterLab(46.4985, 33.6789,
27.0100)

Have a look what the booklet for
HunterLab(46.4985, 33.6789,
27.0100) contains.

HunterLab(46.4985, 33.6789, 27.0100)	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(46.4985, 33.6789,
27.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	CE6025
RGB	206, 96, 37
RGB Percent	81%, 38%, 15%
CMY	0.1922, 0.6235, 0.8549
CMYK	0.00, 0.53, 0.82, 0.19
HSL	21°, 70%, 48%
HSV	21°, 82%, 81%
XYZ	29.9704, 21.6211, 4.3440
YIQ	122.1640, 84.4990, 4.9710

Conversions

Conversions Part 2

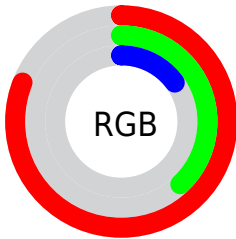
Format	Color
R_{YB}	206, 128, 37
Decimal	13525029
CIE _{Lab}	53.62, 40.22, 51.70
CIE _{LCh}	54, 65.501, 52.120
Yxy	21.6223, 0.5358, 0.3865
Android (android.graphics.Color)	4291715109 (0xFFCE6025)
YUV	122.1640, -41.9859, 73.5242
Hunter-Lab	46.4985, 33.6789, 27.0100

Details

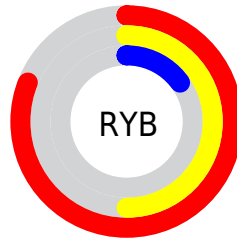
The HunterLab color **46.4985, 33.6789, 27.0100** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **50.7102, -10.1188, -37.2014**, and the grayscale version is **44.3157, -2.3646, 2.4078**.

A 20% lighter version of the original color is **65.9113, 30.1057, 33.0303**, and **28.1007, 30.9588, 17.8575** is the 20% darker color. If you saturate the color by 10%, you get **43.9155, 39.4475, 27.0678**, and if you desaturate by 10%, it is **49.4460, 27.9785, 26.2217**.

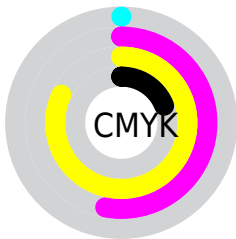
Distribution



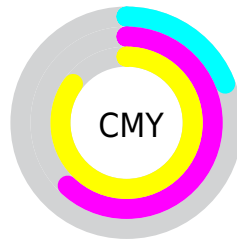
- Red (81%)
- Green (38%)
- Blue (15%)



- Red (81%)
- Yellow (50%)
- Blue (15%)



- Cyan (0%)
- Magenta (53%)
- Yellow (82%)
- Black (19%)



- Cyan (19%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4985, 33.6789, 27.0100 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 46.4985, 33.6789, 27.0100 by changing the saturation by 10% instead.

46.4985, 33.6789,
27.0100

46.4985, 33.6789,
27.0100

161.4210, 42.2667,
57.1728

36.8506, 32.2170,
22.8735

67.9124, 36.2360,
34.6209

27.9801, 30.6340,
18.6569

79.5900, 37.3548,
38.1642

19.9641, 28.9388,
13.9749

91.8695, 38.3768,
41.5703

12.9056, 27.2011,
9.0339

104.7225, 39.3095,
44.8609

6.3340, 30.5723,
4.4338

118.1247, 40.1594,
48.0534

0.0000, INF, NaN

0.0000, NaN, NaN

132.0544, 40.9323,

51.1620

0.0000, NaN, NaN

146.4923, 41.6332,
54.1986

0.0000, NaN, NaN

■ 46.4985, 33.6789,
27.0100

■ 46.4985, 33.6789,
27.0100

■ 43.9155, 39.4475,
27.0678

■ 49.4460, 27.9785,
26.2217

■ 42.1267, 43.9280,
26.7273

■ 52.7223, 22.4986,
24.7328

■ 56.2955, 17.3193,
22.6122

■ 60.1334, 12.4808,
19.9395

■ 64.2070, 7.9932,
16.7925

■ 68.4902, 3.8470,
13.2410

■ 72.9605, 0.0223,
9.3451

■ 77.5981, -3.5066,
5.1546

■ 82.3865, -6.7669,
0.7110

Harmonies

Analogous

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



46.4998, 55.6999, 17.4929



46.4985, 33.6789, 27.0100



46.4998, 4.8130, 29.6376

Triad

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



46.4998, 33.6753, 27.0106



46.4998, -43.3872, 8.7770



46.4998, 18.6097, -69.8815

Complementary

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



46.4985, 33.6789, 27.0100



50.7102, -10.1188, -37.2014

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.



46.4998, -9.3563, -77.1944



46.4985, 33.6789, 27.0100



46.4998, -41.3146, -20.0341

Square

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



46.4998, 33.6753, 27.0106



46.4998, -36.6355, 23.7236



46.4998, -30.1409, -55.3572



46.4998, 45.7163, -38.8797

Rectangle

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



46.4985, 33.6789, 27.0100



46.4998, -12.8397, 29.5022



46.4998, -30.1409, -55.3572



46.4998, 8.8665, -75.7033

Sweetspot

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



46.4998, 33.6753, 27.0106



85.3681, 6.5773, 18.3852



40.7876, 66.8843, -15.4351



38.5980, 3.9117, 9.2498

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.4998, 33.6753, 27.0106



53.8392, 55.3923, 33.9839



67.1041, -6.5762, 39.6875



34.4146, -0.4361, 3.8335



33.3064, 33.7878, 21.1147



8.4489, 5.4346, 5.3013

Inverse Universe

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



50.7102, -10.1188, -37.2014



59.3003, -7.2415, -58.1776



29.4100, 32.3108, -99.0292



34.7016, -3.1126, -0.1488



36.6655, -4.7232, -35.6327



9.1233, -2.2839, -6.4730

Previews

White Background



This preview shows how the HunterLab color 46.4985, 33.6789, 27.0100 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 46.4985, 33.6789, 27.0100 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 46.4985, 33.6789, 27.0100 Background



This preview shows how black text looks on a background with the HunterLab color 46.4985, 33.6789, 27.0100.



This preview shows how white text looks on a background with the HunterLab color 46.4985, 33.6789,

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

46.4985, 33.6789, 27.0100

Protanopia

46.7194, -5.9377, 25.4041

Deuteranopia

46.5613, 3.0790, 27.4244



Tritanopia

46.4400, 40.8814, 15.2034

Trichromacy



Original Color

46.4985, 33.6789, 27.0100

Protanomaly

45.9483, 7.9062, 25.5024

Deuteranomaly

46.2322, 13.7353, 27.0661

Tritanomaly

46.2901, 37.8738, 20.6607

Monochromacy



Original Color

46.4985, 33.6789, 27.0100

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

43.9749, 8.0030, 13.8927

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4985, 33.6789, 27.0100 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(206, 96, 37)` looks like.

```
.text, #text, p{  
    color:rgb(206, 96, 37)  
}
```

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(206, 96, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 96, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4985, 33.6789, 27.0100 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(206, 96, 37) }
```


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

```
.border{ border-color:rgb(206, 96, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 96, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 96, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 96, 37);  
box-shadow:4px 4px 4px 4px rgb(206, 96,  
37) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.4985, 33.6789, 27.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 96, 37) }
```

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

```
.background{ background-color: rgb(206, 96,  
37) }
```

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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