

Converting Colors

HunterLab(48.3197, 33.8702,
2.7276)

Have a look what the booklet for
HunterLab(48.3197, 33.8702,
2.7276) contains.

HunterLab(48.3297, 33.6789, 2.7010)	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(48.3297, 33.6789,
2.7010)**

Conversions

Conversions Part 1

Format	Color
Hex	C46886
RGB	196, 104, 134
RGB Percent	77%, 41%, 53%
CMY	0.2314, 0.5921, 0.4745
CMYK	0.00, 0.47, 0.32, 0.23
HSL	340°, 44%, 59%
HSV	340°, 47%, 77%
XYZ	32.0183, 23.3576, 25.3752
YIQ	134.9280, 45.2020, 28.8340

Conversions

Conversions Part 2

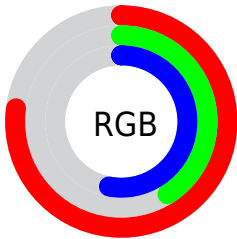
Format	Color
R _Y B	196, 104, 134
Decimal	12871814
CIE Lab	55.44, 39.97, 0.09
CIE LCh	55, 39.973, 0.135
Yxy	23.3588, 0.3965, 0.2893
Android (android.graphics.Color)	4291061894 (0xFFC46886)
YUV	134.9280, -0.4575, 53.5601
Hunter-Lab	48.3297, 33.6789, 2.7010

Details

The HunterLab color $48.3297, 33.6789, 2.7010$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $67.2136, -31.7569, 9.0352$, and the grayscale version is $49.1837, -2.6243, 2.6722$.

A 20% lighter version of the original color is $69.9727, 36.3896, 3.9178$, and $29.6269, 30.8632, 1.5971$ is the 20% darker color. If you saturate the color by 10%, you get $44.1757, 41.5100, 3.7593$, and if you desaturate by 10%, it is $53.0713, 25.5381, 2.2144$.

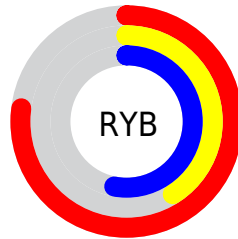
Distribution



Red (77%)

Green (41%)

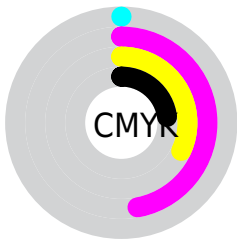
Blue (53%)



Red (77%)

Yellow (41%)

Blue (53%)

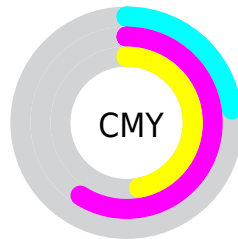


Cyan (0%)

Magenta (47%)

Yellow (32%)

Black (23%)



Cyan (23%)

Magenta (59%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3297, 33.6789, 2.7010 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 48.3297, 33.6789, 2.7010 by changing the saturation by 10% instead.

48.3297, 33.6789,
2.7010

48.3297, 33.6789,
2.7010

164.1835, 42.0448,
9.0442

38.5469, 32.2498,
2.1643

69.9870, 36.1772,
3.8902

29.5300, 30.6984,
1.6679

81.7761, 37.2687,
4.5363

21.3522, 29.0291,
1.2165

94.1617, 38.2649,
5.2145

14.1103, 27.2935,
0.8153

107.1163, 39.1733,
5.9236

7.7604, 26.9999,
0.4726

120.6158, 40.0002,
6.6622

0.0000, INF, NaN

0.0000, NaN, NaN

134.6391, 40.7512,

7.4291

0.0000, NaN, NaN

149.1673, 41.4312,
8.2234

0.0000, NaN, NaN

■ 48.3297, 33.6789,
2.7010

■ 48.3297, 33.6789,
2.7010

■ 44.1757, 41.5100,
3.7593

■ 53.0713, 25.5381,
2.2144

■ 40.7037, 48.6145,
5.4364

■ 58.3054, 17.3634,
2.2163

■ 38.0041, 54.4293,
7.7128


■ 63.9552, 9.2964,
2.6240


■ 36.1300, 58.3930,
10.4580


■ 69.9564, 1.4010,
3.3629


■ 35.0470, 60.2523,
13.4113


■ 76.2573, -6.3057,
4.3711

 34.7921, 60.6433,
14.2583

 82.8168, -13.8307,
5.5991

 89.6018, -21.1922,
7.0082

 94.6191, -25.5949,
6.3569

 95.0475, -23.1608,
0.2542

Harmonies

Analogous

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



48.3309, 28.3453, -15.0722



48.3297, 33.6789, 2.7010



48.3309, 28.2525, 15.5313

Triad

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



48.3309, 33.6763, 2.7021



48.3309, -17.5908, 22.2185



48.3309, -17.4772, -31.8214

Complementary

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



48.3297, 33.6789, 2.7010



67.2136, -31.7569, 9.0352

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.



48.3309, -27.2142, -15.2391



48.3297, 33.6789, 2.7010



48.3309, -27.2732, 15.4446

Square

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



48.3309, 33.6763, 2.7021



48.3309, -2.6564, 24.2159



48.3309, -30.5485, 2.5594



48.3309, -2.5064, -38.6709

Rectangle

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



48.3297, 33.6789, 2.7010



48.3309, 19.6377, 20.6211



48.3309, -30.5485, 2.5594



48.3309, -21.3942, -26.9753

Sweetspot

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



48.3309, 33.6763, 2.7021



88.2303, 9.6012, 3.7615



46.8216, 34.3448, -36.6794



40.0155, 5.5279, 1.6533

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.3309, 33.6763, 2.7021



59.4873, 55.8117, 5.0493



50.9996, 22.4053, 16.5906



31.8290, 1.5331, 1.4674



27.9144, 48.7047, 11.0571



5.9121, 10.5259, 0.7102

Inverse Universe

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



48.3309, 33.6763, 2.7021



59.4873, 55.8117, 5.0493



63.1203, -19.5996, -10.5043



31.8290, 1.5331, 1.4674



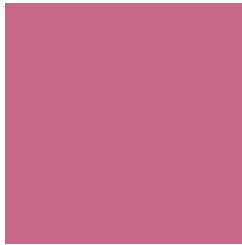
27.9144, 48.7047, 11.0571



5.9121, 10.5259, 0.7102

Previews

White Background



This preview shows how the HunterLab color 48.3297, 33.6789, 2.7010 looks on a white background.

Color Contrast Check

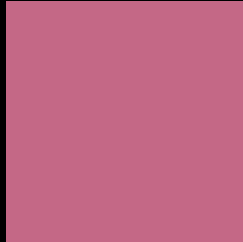
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.3297, 33.6789, 2.7010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

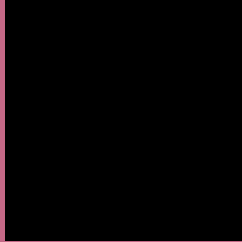
Any Text WCAG AA ✓ Pass

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 48.3297, 33.6789, 2.7010 Background



This preview shows how black text looks on a background with the HunterLab color 48.3297, 33.6789, 2.7010.



This preview shows how white text looks on a background with the HunterLab color 48.3297, 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

48.3297, 33.6789, 2.7010

Protanopia

48.4590, 0.0767, -5.9606

Deuteranopia

48.4925, 3.1581, 4.1146



Tritanopia

48.1898, 29.0148, 10.2465

Trichromacy



Original Color

48.3297, 33.6789, 2.7010

Protanomaly

47.7843, 11.2480, -3.5968

Deuteranomaly

48.0322, 13.7935, 3.3332

Tritanomaly

48.2859, 30.7361, 7.6832

Monochromacy



Original Color

48.3297, 33.6789, 2.7010

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

48.3039, 9.6459, 1.7986

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.3297, 33.6789, 2.7010 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(196, 104, 134)` looks like.

```
.text, #text, p{  
    color:rgb(196, 104, 134)  
}
```

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(196, 104, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 104, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 48.3297, 33.6789, 2.7010 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(196, 104, 134) }
```


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

```
.border{ border-color:rgb(196, 104, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 104, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 104, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 104, 134);  
box-shadow:4px 4px 4px 4px rgb(196, 104,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.3297, 33.6789, 2.7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 104, 134) }
```

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

```
.background{ background-color: rgb(196,  
104, 134) }
```

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