

Converting Colors

HunterLab(19.9931, -34.9879,
4.7125)

Have a look what the booklet for
HunterLab(19.9931, -34.9879,
4.7125) contains.

HunterLab(23.7289, -17.6117, 8.3594)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**HunterLab(23.7289,
-17.6117, 8.3594)**

Conversions

Conversions Part 1

Format	Color
Hex	004E2C
RGB	0, 78, 44
RGB Percent	0%, 31%, 17%
CMY	1.0000, 0.6941, 0.8274
CMYK	1.00, 0.00, 0.44, 0.69
HSL	154°, 100%, 15%
HSV	154°, 100%, 31%
XYZ	3.1790, 5.6306, 3.3021
YIQ	50.8020, -35.5740, -27.1100

Conversions

Conversions Part 2

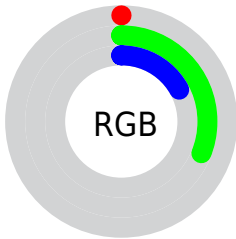
Format	Color
RYB	0, 50, 78
Decimal	20012
CIELab	28.46, -30.54, 14.29
CIELCh	28, 33.720, 154.933
Yxy	5.6308, 0.2625, 0.4649
Android (android.graphics.Color)	4278210092 (0xFF004E2C)
YUV	50.8020, -3.3534, -44.5534
Hunter-Lab	23.7289, -17.6117, 8.3594

Details

The HunterLab color **23.7289, -17.6117, 8.3594** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.1730, 23.4355, 1.7154**, and the grayscale version is **18.1481, -0.9683, 0.9860**.

A 20% lighter version of the original color is **41.4350, -23.0169, 11.2881**, and **10.6961, -9.1719, 6.4303** is the 20% darker color. If you saturate the color by 10%, you get **23.7294, -17.6120, 8.3597**, and if you desaturate by 10%, it is **23.8910, -16.8296, 7.6471**.

Distribution



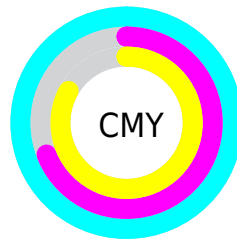
- Red (0%)
- Green (31%)
- Blue (17%)



- Red (0%)
- Yellow (20%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7289, -17.6117, 8.3594 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 23.7289, -17.6117, 8.3594 by changing the saturation by 10% instead.

■ 23.7289, -17.6117,
8.3594

■ 23.7289, -17.6117,
8.3594

124.7984,
-38.4079, 20.7889

■ 16.1924, -14.5660,
6.7541

■ 41.4249, -22.9361,
11.2990

■ 9.6835, -14.2791,
6.6493

■ 51.4291, -25.3625,
12.6959

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.1298, -27.6859,
14.0666

0.0000, NaN, NaN

■ 73.4842, -29.9306,
15.4211

0.0000, NaN, NaN

■ 85.4567, -32.1138,
16.7663


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 98.0169, -34.2483,


18.1070


0.0000, NaN, NaN


 111.1385,
-36.3438, 19.4470


 23.7289, -17.6117,
8.3594


 23.7289, -17.6117,
8.3594


 23.7294, -17.6120,
8.3597

 23.8910, -16.8296,
7.6471

 24.0685, -15.9803,
6.8924

 24.2984, -14.9177,
6.1349

 24.5863, -13.6278,
5.3859

 24.9345, -12.1110,
4.6542

■ 25.3443, -10.3734,
3.9477

■ 25.8165, -8.4256,
3.2737

■ 26.3509, -6.2816,
2.6379

■ 26.9465, -3.9579,
2.0454

Harmonies

Analogous

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



23.7294, -12.2512, 12.6066



23.7289, -17.6117, 8.3594



23.7294, -18.9452, -0.5132

Triad

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



23.7294, -17.6119, 8.3596



23.7294, 0.5876, -28.9654



23.7294, 18.7889, 10.1965

Complementary

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



23.7289, -17.6117, 8.3594



13.1730, 23.4355, 1.7154

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.



23.7294, 23.8335, 2.9650



23.7289, -17.6117, 8.3594



23.7294, 12.1685, -21.9769

Square

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



23.7294, -17.6119, 8.3596



23.7294, -9.6166, -25.2852



23.7294, 21.2131, -8.9688



23.7294, 8.4242, 13.2760

Rectangle

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



23.7289, -17.6117, 8.3594



23.7294, -17.6268, -8.9082



23.7294, 21.2131, -8.9688



23.7294, 21.2415, 8.3310

Sweetspot

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



23.7294, -17.6119, 8.3596



34.0193, -11.4273, 4.4202



24.0999, -16.8362, 14.5555



16.9100, -5.9942, 2.3025



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



23.7294, -17.6119, 8.3596



31.3106, -23.4191, 11.4195



23.3692, -11.6357, -4.0911



13.7134, -1.8402, 0.9984



76.1006, -57.7633, 29.5752

Inverse Universe

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



13.1730, 23.4355, 1.7154



17.3497, 30.7802, 2.9301



13.0554, 20.6908, 8.4068



13.0892, 0.4499, 0.4795



42.0253, 74.1607, 10.1703

Previews

White Background



This preview shows how the HunterLab color 23.7289, -17.6117, 8.3594 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.7289, -17.6117, 8.3594 Background



This preview shows how black text looks on a background with the HunterLab color 23.7289, -17.6117, 8.3594.



This preview shows how white text looks on a background with the HunterLab color 23.7289,

-17.6117, 8.3594.

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

23.7289, -17.6117, 8.3594

Protanopia

23.7136, -2.2499, 9.5536

Deuteranopia

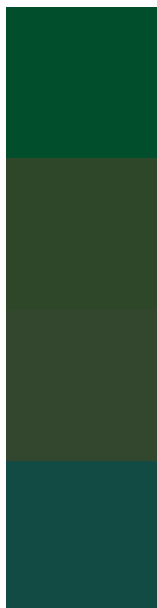
23.8565, 0.9872, 8.0338



Tritanopia

23.9540, -9.1061, -4.1841

Trichromacy



Original Color

23.7289, -17.6117, 8.3594

Protanomaly

22.9585, -10.4323, 8.5467

Deuteranomaly

22.9813, -8.7714, 7.3389

Tritanomaly

23.5924, -12.6974, 0.9702

Monochromacy



Original Color

23.7289, -17.6117, 8.3594

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

19.6417, -8.9461, 3.5056

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7289, -17.6117, 8.3594 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(0, 78, 44)` looks like.

```
.text, #text, p{  
    color:rgb(0, 78, 44)  
}
```

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(0, 78, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 78, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7289, -17.6117, 8.3594 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(0, 78, 44) }
```

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

```
.border{ border-color:rgb(0, 78, 44) }
```

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

Here you see how a box with a 4 pixel rgb(0, 78, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 78, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 78, 44); box-shadow:4px  
4px 4px 4px rgb(0, 78, 44) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.7289, -17.6117, 8.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 78, 44) }
```

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

```
.background{ background-color: rgb(0, 78,  
44) }
```

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