

Converting Colors

HunterLab(23.6980, -17.8027,
8.8105)

Have a look what the booklet for
HunterLab(23.6980, -17.8027,
8.8105) contains.

HunterLab(23.6980, -17.8027, 8.8105)	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(23.6980,
-17.8027, 8.8105)**

Conversions

Conversions Part 1

Format	Color
Hex	004E2A
RGB	0, 78, 42
RGB Percent	0%, 31%, 16%
CMY	1.0000, 0.6941, 0.8353
CMYK	1.00, 0.00, 0.46, 0.69
HSL	152°, 100%, 15%
HSV	152°, 100%, 31%
XYZ	3.1423, 5.6160, 3.1089
YIQ	50.5740, -34.9320, -27.7320

Conversions

Conversions Part 2

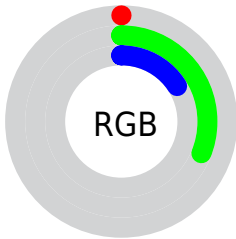
Format	Color
RYB	0, 51, 78
Decimal	20010
CIELab	28.42, -31.00, 15.46
CIElCh	28, 34.642, 153.492
Yxy	5.6162, 0.2648, 0.4732
Android (android.graphics.Color)	4278210090 (0xFF004E2A)
YUV	50.5740, -4.2270, -44.3534
Hunter-Lab	23.6980, -17.8027, 8.8105

Details

The HunterLab color **23.6980, -17.8027, 8.8105** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.2181, 23.5994, 1.0707**, and the grayscale version is **18.0744, -0.9644, 0.9820**.

A 20% lighter version of the original color is **41.3945, -23.2596, 11.8760**, and **10.6961, -9.1719, 6.4303** is the 20% darker color. If you saturate the color by 10%, you get **23.6984, -17.8031, 8.8108**, and if you desaturate by 10%, it is **23.8610, -17.0140, 8.0844**.

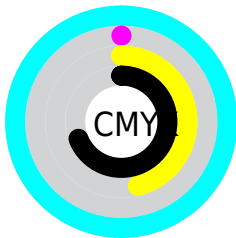
Distribution



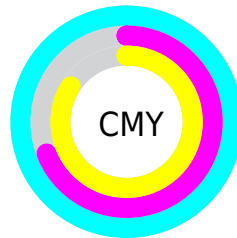
- Red (0%)
- Green (31%)
- Blue (16%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6980, -17.8027, 8.8105 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 23.6980, -17.8027, 8.8105 by changing the saturation by 10% instead.

■ 23.6980, -17.8027,
8.8105

■ 23.6980, -17.8027,
8.8105

124.7446,
-38.8476, 21.8561

■ 16.1652, -14.7121,
7.0956

■ 41.3877, -23.1997,
11.9294

■ 9.6606, -14.5132,
6.7624

■ 51.3891, -25.6570,
13.4026

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.0872, -28.0087,
14.8435

0.0000, NaN, NaN

■ 73.4391, -30.2795,
16.2632

0.0000, NaN, NaN

■ 85.4093, -32.4873,
17.6693


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.9673, -34.6450,


19.0676


0.0000, NaN, NaN


 111.0868,
-36.7625, 20.4621


 23.6980, -17.8027,
8.8105


 23.6980, -17.8027,
8.8105


 23.6984, -17.8031,
8.8108

 23.8610, -17.0140,
8.0844

 24.0398, -16.1552,
7.3088

 24.2717, -15.0796,
6.5228

 24.5620, -13.7735,
5.7377

 24.9131, -12.2376,
4.9627

■ 25.3265, -10.4782,
4.2060

■ 25.8026, -8.5063,
3.4754

■ 26.3412, -6.3366,
2.7774

■ 26.9416, -3.9857,
2.1174

Harmonies

Analogous

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



23.6985, -12.1455, 12.8931



23.6980, -17.8027, 8.8105



23.6985, -19.3509, -0.0096

Triad

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



23.6985, -17.8029, 8.8107



23.6985, 0.0781, -30.1924



23.6985, 19.8171, 10.1240

Complementary

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



23.6980, -17.8027, 8.8105



13.2181, 23.5994, 1.0707

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.



23.6985, 24.6861, 2.5198



23.6980, -17.8027, 8.8105



23.6985, 12.0184, -23.3734

Square

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



23.6985, -17.8029, 8.8107



23.6985, -10.2403, -25.8198



23.6985, 21.5945, -9.9715



23.6985, 9.2817, 13.3621

Rectangle

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



23.6980, -17.8027, 8.8105



23.6985, -18.1423, -8.5665



23.6985, 21.5945, -9.9715



23.6985, 22.2522, 8.1626

Sweetspot

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



23.6985, -17.8029, 8.8107



34.0001, -11.5379, 4.6955



24.1481, -16.6379, 14.5886



16.8998, -6.0529, 2.4484



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.



23.6985, -17.8029, 8.8107



31.2695, -23.6729, 12.0189



23.7421, -12.0874, -3.5820



13.7112, -1.8526, 1.0300



76.0002, -58.3847, 31.0422

Inverse Universe

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



13.2181, 23.5994, 1.0707



17.4087, 30.9955, 2.0827



12.9470, 21.0510, 8.3462



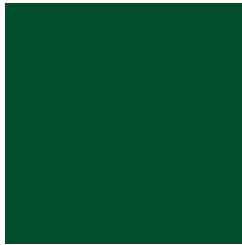
13.0915, 0.4623, 0.4468



42.1657, 74.6741, 8.1451

Previews

White Background



This preview shows how the HunterLab color 23.6980, -17.8027, 8.8105 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

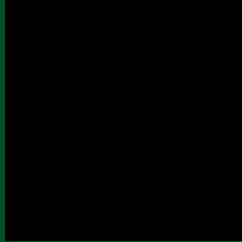
Any Text WCAG AA × Fail

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 23.6980, -17.8027, 8.8105 Background



This preview shows how black text looks on a background with the HunterLab color 23.6980, -17.8027, 8.8105.



This preview shows how white text looks on a background with the HunterLab color 23.6980,

-17.8027, 8.8105.

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

23.6980, -17.8027, 8.8105

Protanopia

23.6856, -2.4044, 9.9627

Deuteranopia

23.6761, 1.5434, 8.3991



Tritanopia

23.9540, -9.1061, -4.1841

Trichromacy



Original Color

23.6980, -17.8027, 8.8105

Protanomaly

22.9288, -10.6068, 8.9795

Deuteranomaly

22.7336, -8.3850, 7.6469

Tritanomaly

23.5671, -12.8479, 1.3300

Monochromacy



Original Color

23.6980, -17.8027, 8.8105

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 23.6980, -17.8027, 8.8105 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, 42)` looks like.

```
.text, #text, p{  
    color:rgb(0, 78, 42)  
}
```

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, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 78, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6980, -17.8027, 8.8105 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, 42) }
```

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

```
.border{ border-color:rgb(0, 78, 42) }
```

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, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 78, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 78, 42); box-shadow:4px  
4px 4px 4px rgb(0, 78, 42) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.6980, -17.8027, 8.8105 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, 42) }
```

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

```
.background{ background-color: rgb(0, 78,  
42) }
```

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