

Converting Colors

HunterLab(22.7553, -19.2404,
9.6277)

Have a look what the booklet for
HunterLab(22.7553, -19.2404,
9.6277) contains.

HunterLab(23.0005, -17.8394, 9.7616)	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(23.0005,
-17.8394, 9.7616)**

Conversions

Conversions Part 1

Format	Color
Hex	004C23
RGB	0, 76, 35
RGB Percent	0%, 30%, 14%
CMY	1.0000, 0.7020, 0.8627
CMYK	1.00, 0.00, 0.54, 0.70
HSL	148°, 100%, 15%
HSV	148°, 100%, 30%
XYZ	2.8878, 5.2902, 2.4590
YIQ	48.6020, -32.1350, -28.8630

Conversions

Conversions Part 2

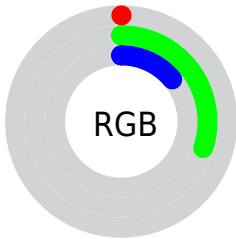
Format	Color
RYB	0, 52, 76
Decimal	19491
CIELab	27.55, -31.68, 18.55
CIELCh	28, 36.709, 149.652
Yxy	5.2904, 0.2715, 0.4973
Android (android.graphics.Color)	4278209571 (0xFF004C23)
YUV	48.6020, -6.7058, -42.6240
Hunter-Lab	23.0005, -17.8394, 9.7616

Details

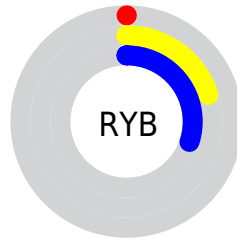
The HunterLab color **23.0005, -17.8394, 9.7616** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **13.0258, 23.5354, -1.1113**, and the grayscale version is **17.4224, -0.9296, 0.9466**.

A 20% lighter version of the original color is **40.6116, -23.4547, 13.5340**, and **10.4293, -8.9432, 6.2700** is the 20% darker color. If you saturate the color by 10%, you get **23.0009, -17.8398, 9.7619**, and if you desaturate by 10%, it is **23.1631, -17.0501, 9.0388**.

Distribution



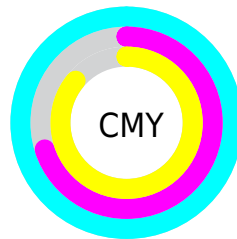
- Red (0%)
- Green (30%)
- Blue (14%)



- Red (0%)
- Yellow (20%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.0005, -17.8394, 9.7616 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 23.0005, -17.8394, 9.7616 by changing the saturation by 10% instead.

■ 23.0005, -17.8394,
9.7616

■ 23.0005, -17.8394,
9.7616

■ 123.5273,
-39.3292, 24.4842

■ 15.5521, -14.6506,
7.7665

■ 40.5464, -23.3796,
13.3770

■ 9.1404, -15.5905,
6.3983

■ 50.4845, -25.8934,
15.0592

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.1233, -28.2952,
16.6910

0.0000, NaN, NaN

■ 72.4195, -30.6114,
18.2871

0.0000, NaN, NaN

■ 84.3369, -32.8607,
19.8577


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 96.8445, -35.0569,


21.4106


0.0000, NaN, NaN


 109.9157,
-37.2103, 22.9513


 23.0005, -17.8394,
9.7616


 23.0005, -17.8394,
9.7616


 23.0009, -17.8398,
9.7619

 23.1631, -17.0501,
9.0388

 23.3415, -16.1880,
8.2448

 23.5724, -15.1075,
7.4160

 23.8616, -13.7936,
6.5640

 24.2113, -12.2480,
5.6981

■ 24.6227, -10.4779,
4.8275

■ 25.0963, -8.4952,
3.9610

■ 25.6318, -6.3150,
3.1065

■ 26.2282, -3.9549,
2.2710

Harmonies

Analogous

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



23.0010, -11.4950, 13.2764



23.0005, -17.8394, 9.7616



23.0010, -19.9379, 1.3839

Triad

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



23.0010, -17.8396, 9.7617



23.0010, -1.3674, -32.9113



23.0010, 22.2421, 9.6309

Complementary

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



23.0005, -17.8394, 9.7616



13.0258, 23.5354, -1.1113

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.



23.0010, 26.4360, 1.1193



23.0005, -17.8394, 9.7616



23.0010, 11.2299, -26.8572

Square

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



23.0010, -17.8396, 9.7617



23.0010, -11.6911, -26.5892



23.0010, 22.0519, -12.6946



23.0010, 11.5202, 13.2324

Rectangle

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



23.0005, -17.8394, 9.7616



23.0010, -19.0629, -7.3431



23.0010, 22.0519, -12.6946



23.0010, 24.5485, 7.4383

Sweetspot

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



23.0010, -17.8396, 9.7617



33.0561, -11.5289, 5.3598



23.7848, -15.1216, 14.3912



16.8696, -6.2278, 2.8823



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.



23.0010, -17.8396, 9.7617



30.3395, -23.7137, 13.2693



23.7478, -13.2905, -0.9922



13.7045, -1.8899, 1.1259



31.1573, -24.3683, 13.6603



75.7297, -60.0631, 35.0035

Inverse Universe

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



13.0258, 23.5354, -1.1113



17.1498, 30.9035, -0.8093



12.4295, 21.3521, 7.5121



13.0986, 0.5001, 0.3468



17.6093, 31.7243, -0.7750



42.6507, 76.4414, 1.1982

Previews

White Background



This preview shows how the HunterLab color 23.0005, -17.8394, 9.7616 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 23.0005, -17.8394, 9.7616 Background



This preview shows how black text looks on a background with the HunterLab color 23.0005, -17.8394, 9.7616.



This preview shows how white text looks on a background with the HunterLab color 23.0005,

-17.8394, 9.7616.

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

23.0005, -17.8394, 9.7616

Protanopia

23.1914, -3.0138, 10.7442

Deuteranopia

22.9216, 1.2639, 9.1814



Tritanopia

23.0615, -8.4045, -3.9879

Trichromacy



Original Color

23.0005, -17.8394, 9.7616

Protanomaly

22.5188, -10.9400, 9.8961

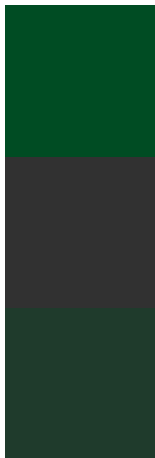
Deuteranomaly

21.9826, -8.6495, 8.4484

Tritanomaly

22.9158, -12.6793, 2.1072

Monochromacy



Original Color

23.0005, -17.8394, 9.7616

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.9765, -8.9061, 4.0923

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.0005, -17.8394, 9.7616 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, 76, 35)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 35)  
}
```

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, 76, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 23.0005, -17.8394, 9.7616 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, 76, 35) }
```


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

```
.border{ border-color:rgb(0, 76, 35) }
```

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

Here you see how a box with a 4 pixel rgb(0, 76, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 76, 35); box-shadow:4px  
4px 4px 4px rgb(0, 76, 35) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.0005, -17.8394, 9.7616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 35) }
```

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

```
.background{ background-color: rgb(0, 76,  
35) }
```

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