

Converting Colors

HunterLab(29.7972, -22.9221,
12.2384)

Have a look what the booklet for
HunterLab(29.7972, -22.9221,
12.2384) contains.

HunterLab(29.9284, -23.0185, 12.2824)	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(29.9284,
-23.0185, 12.2824)**

Conversions

Conversions Part 1

Format	Color
Hex	006231
RGB	0, 98, 49
RGB Percent	0%, 38%, 19%
CMY	1.0000, 0.6157, 0.8078
CMYK	1.00, 0.00, 0.50, 0.62
HSL	150°, 100%, 19%
HSV	150°, 100%, 38%
XYZ	4.9220, 8.9571, 4.3752
YIQ	63.1120, -42.6790, -36.0150

Conversions

Conversions Part 2

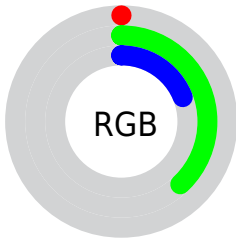
Format	Color
RYB	0, 65, 98
Decimal	25137
CIELab	35.90, -37.35, 20.98
CIELCh	36, 42.836, 150.670
Yxy	8.9575, 0.2696, 0.4907
Android (android.graphics.Color)	4278215217 (0xFF006231)
YUV	63.1120, -6.9572, -55.3492
Hunter-Lab	29.9284, -23.0185, 12.2824

Details

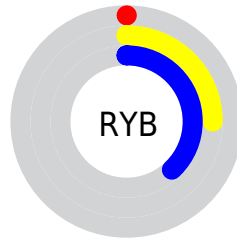
The HunterLab color **29.9284, -23.0185, 12.2824** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **16.7886, 30.0713, 0.6087**, and the grayscale version is **22.3685, -1.1935, 1.2153**.

A 20% lighter version of the original color is **48.9106, -29.1285, 16.2138**, and **15.1254, -12.8149, 8.7582** is the 20% darker color. If you saturate the color by 10%, you get **29.9290, -23.0190, 12.2828**, and if you desaturate by 10%, it is **30.1071, -22.1296, 11.3154**.

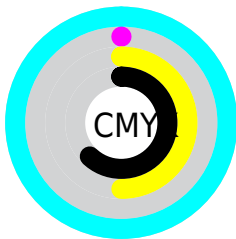
Distribution



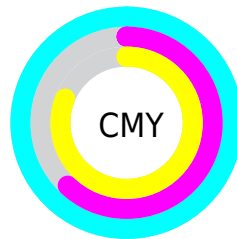
- Red (0%)
- Green (38%)
- Blue (19%)



- Red (0%)
- Yellow (25%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9284, -23.0185, 12.2824 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 29.9284, -23.0185, 12.2824 by changing the saturation by 10% instead.

■ 29.9284, -23.0185,
12.2824

■ 29.9284, -23.0185,
12.2824

135.2997,
-46.7580, 27.9655

■ 21.7105, -19.6092,
10.1903

■ 48.8008, -29.0748,
16.0985

■ 14.4226, -15.8136,
8.2464

■ 59.3276, -31.8523,
17.8913

■ 8.0834, -14.1460,
5.6584

■ 70.5184, -34.5142,
19.6347

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.3358, -37.0850,
21.3419

0.0000, NaN, NaN

■ 94.7483, -39.5826,
23.0223


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 107.7285,


-42.0207, 24.6829


0.0000, NaN, NaN


 121.2527,
-44.4097, 26.3292


 29.9284, -23.0185,
12.2824


 29.9284, -23.0185,
12.2824


 29.9290, -23.0190,
12.2828

 30.1071, -22.1296,
11.3154

 30.3216, -21.0817,
10.2770

 30.6098, -19.7274,
9.2070

 30.9770, -18.0562,
8.1191

 31.4268, -16.0676,
7.0266

■ 31.9614, -13.7700,
5.9421

■ 32.5816, -11.1786,
4.8774

■ 33.2873, -8.3140,
3.8429

■ 34.0771, -5.2004,
2.8476

Harmonies

Analogous

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



29.9290, -15.0711, 17.0169



29.9284, -23.0185, 12.2824



29.9290, -25.5366, 1.3027

Triad

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



29.9290, -23.0188, 12.2826



29.9290, -1.2566, -41.5146



29.9290, 27.8478, 12.6079

Complementary

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



29.9284, -23.0185, 12.2824



16.7886, 30.0713, 0.6087

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.



29.9290, 33.5079, 1.9519



29.9284, -23.0185, 12.2824



29.9290, 14.7804, -33.4108

Square

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



29.9290, -23.0188, 12.2826



29.9290, -14.5878, -34.0602



29.9290, 28.3115, -15.3981



29.9290, 14.0709, 17.1282

Rectangle

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



29.9284, -23.0185, 12.2824



29.9290, -24.2917, -9.9133



29.9290, 28.3115, -15.3981



29.9290, 30.8727, 9.8616

Sweetspot

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



29.9290, -23.0188, 12.2826



43.0525, -15.1208, 6.5815



30.7084, -20.5211, 18.5630



20.8720, -7.8603, 3.4024



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



29.9290, -23.0188, 12.2826



39.5923, -30.6384, 16.6525



30.9629, -16.7348, -2.5750



16.9562, -2.3982, 1.3584



34.5239, -26.6417, 14.3599



79.6844, -62.2705, 34.8255

Inverse Universe

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



16.7886, 30.0713, 0.6087



22.1762, 39.6339, 1.4896



16.1257, 27.6373, 10.2478



16.1522, 0.6875, 0.4665



19.3504, 34.6188, 1.0264



44.5256, 79.2889, 5.2257

Previews

White Background



This preview shows how the HunterLab color 29.9284, -23.0185, 12.2824 looks on a white background.

Color Contrast Check

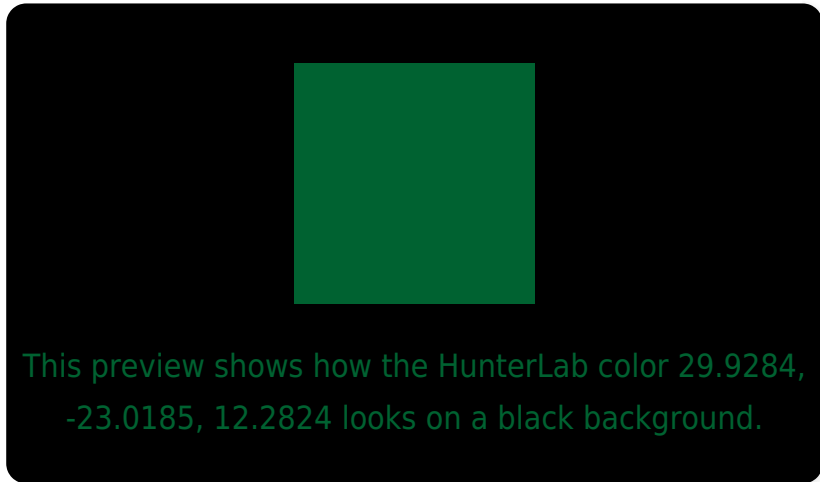
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9284, -23.0185, 12.2824 Background



This preview shows how black text looks on a background with the HunterLab color 29.9284, -23.0185, 12.2824.



This preview shows how white text looks on a background with the HunterLab color 29.9284,

-23.0185, 12.2824.

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

29.9284, -23.0185, 12.2824

Protanopia

30.0100, -3.6407, 13.7205

Deuteranopia

29.9444, 1.6313, 11.8112



Tritanopia

29.9461, -11.3344, -5.6165

Trichromacy



Original Color

29.9284, -23.0185, 12.2824

Protanomaly

29.0506, -14.2611, 12.3759

Deuteranomaly

28.6149, -11.3506, 10.7022

Tritanomaly

29.6541, -16.5934, 2.4179

Monochromacy



Original Color

29.9284, -23.0185, 12.2824

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

24.3423, -11.6305, 5.0460

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9284, -23.0185, 12.2824 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, 98, 49)` looks like.

```
.text, #text, p{  
    color:rgb(0, 98, 49)  
}
```

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, 98, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 98, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9284, -23.0185, 12.2824 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, 98, 49) }
```


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

```
.border{ border-color:rgb(0, 98, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 98, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 98, 49); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 98, 49); box-shadow:4px  
4px 4px 4px rgb(0, 98, 49) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.9284, -23.0185, 12.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 98, 49) }
```

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

```
.background{ background-color: rgb(0, 98,  
49) }
```

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