

Converting Colors

HunterLab(27.8626, -22.0528,
12.7798)

Have a look what the booklet for
HunterLab(27.8626, -22.0528,
12.7798) contains.

HunterLab(27.9299, -22.0775, 12.7491)	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(27.9299,
-22.0775, 12.7491)**

Conversions

Conversions Part 1

Format	Color
Hex	005C27
RGB	0, 92, 39
RGB Percent	0%, 36%, 15%
CMY	1.0000, 0.6392, 0.8471
CMYK	1.00, 0.00, 0.58, 0.64
HSL	145°, 100%, 18%
HSV	145°, 100%, 36%
XYZ	4.1934, 7.8008, 3.2042
YIQ	58.4500, -37.8190, -35.9870

Conversions

Conversions Part 2

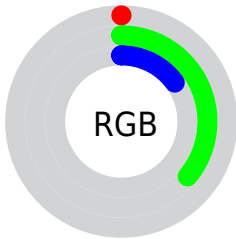
Format	Color
RYB	0, 65, 92
Decimal	23591
CIELab	33.57, -36.96, 23.71
CIELCh	34, 43.914, 147.323
Yxy	7.8011, 0.2759, 0.5133
Android (android.graphics.Color)	4278213671 (0xFF005C27)
YUV	58.4500, -9.5888, -51.2606
Hunter-Lab	27.9299, -22.0775, 12.7491

Details

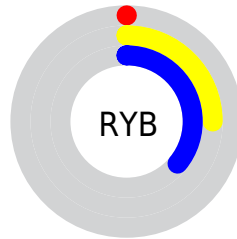
The HunterLab color **27.9299, -22.0775, 12.7491** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **15.9139, 28.8675, -2.2383**, and the grayscale version is **20.7659, -1.1080, 1.1282**.

A 20% lighter version of the original color is **46.3617, -28.0898, 17.0852**, and **13.6995, -11.7474, 8.2359** is the 20% darker color. If you saturate the color by 10%, you get **27.9304, -22.0780, 12.7494**, and if you desaturate by 10%, it is **28.1036, -21.2168, 11.8558**.

Distribution



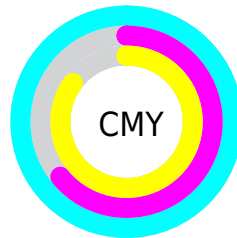
- Red (0%)
- Green (36%)
- Blue (15%)



- Red (0%)
- Yellow (25%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.9299, -22.0775, 12.7491 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 27.9299, -22.0775, 12.7491 by changing the saturation by 10% instead.

■ 27.9299, -22.0775,
12.7491

■ 27.9299, -22.0775,
12.7491

131.9711,
-45.8377, 29.9669

■ 19.9197, -18.6203,
10.3724

■ 46.4409, -28.1750,
17.0244

■ 12.8672, -15.2344,
9.0070

■ 56.8065, -30.9590,
19.0096

■ 6.2824, -10.9942,
4.3977

■ 67.8456, -33.6225,
20.9281

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.5196, -36.1913,
22.7964

0.0000, NaN, NaN

■ 91.7956, -38.6845,
24.6264


0.0000, NaN, NaN


■ 104.6454,


0.0000, NaN, NaN


-41.1163, 26.4271


0.0000, NaN, NaN


 118.0444,
-43.4979, 28.2055


 27.9299, -22.0775,
12.7491


 27.9299, -22.0775,
12.7491


 27.9304, -22.0780,
12.7494

 28.1036, -21.2168,
11.8558

 28.3090, -20.2110,
10.8639

 28.5846, -18.9085,
9.8112

 28.9356, -17.2996,
8.7100

 29.3650, -15.3853,
7.5731

■ 29.8747, -13.1747,
6.4131

■ 30.4654, -10.6832,
5.2425

■ 31.1366, -7.9316,
4.0729

■ 31.8872, -4.9436,
2.9148

Harmonies

Analogous

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



27.9305, -13.6788, 16.6572



27.9299, -22.0775, 12.7491



27.9305, -25.0978, 2.7875

Triad

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



27.9305, -22.0778, 12.7493



27.9305, -2.8433, -42.9383



27.9305, 29.4984, 11.5066

Complementary

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



27.9299, -22.0775, 12.7491



15.9139, 28.8675, -2.2383

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.



27.9305, 34.1007, 0.1908



27.9299, -22.0775, 12.7491



27.9305, 13.2262, -36.1659

Square

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



27.9305, -22.0778, 12.7493



27.9305, -15.5821, -33.4570



27.9305, 27.6054, -18.0360



27.9305, 16.1001, 16.2566

Rectangle

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



27.9299, -22.0775, 12.7491



27.9305, -24.2715, -8.0877



27.9305, 27.6054, -18.0360



27.9305, 32.2355, 8.5954

Sweetspot

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



27.9305, -22.0778, 12.7493



40.2248, -14.4629, 7.0833



29.0340, -18.0353, 17.5748



20.0278, -7.7176, 3.7642



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



27.9305, -22.0778, 12.7493



36.9245, -29.3684, 17.2456



28.8097, -16.7071, 0.0565



16.1255, -2.3092, 1.4020



33.5821, -26.6590, 15.5746



78.4765, -63.0611, 38.0420

Inverse Universe

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



15.9139, 28.8675, -2.2383



21.0061, 38.0217, -2.3023



15.1402, 26.0383, 8.9228



15.3865, 0.6806, 0.3282



19.1138, 34.6203, -2.2801



44.5260, 80.2839, -2.4822

Previews

White Background



This preview shows how the HunterLab color 27.9299, -22.0775, 12.7491 looks on a white background.

Color Contrast Check

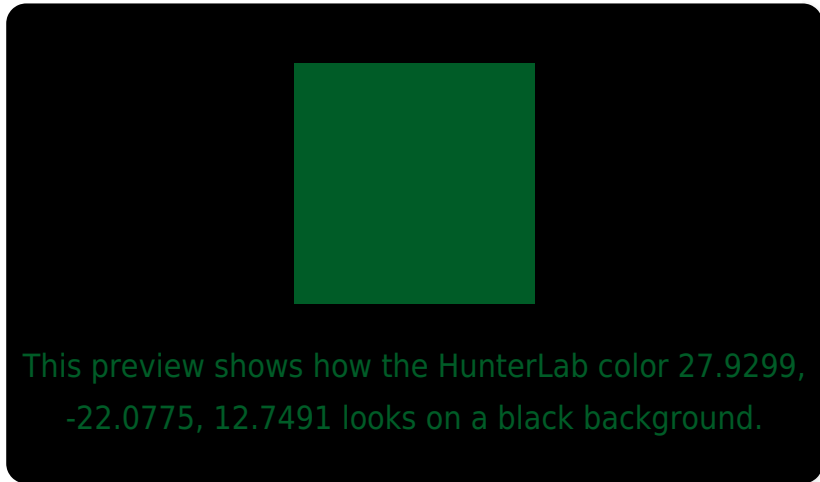
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9299, -22.0775, 12.7491 Background



This preview shows how black text looks on a background with the HunterLab color 27.9299, -22.0775, 12.7491.



This preview shows how white text looks on a background with the HunterLab color 27.9299, -22.0775, 12.7491.

-22.0775, 12.7491.

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

27.9299, -22.0775, 12.7491

Protanopia

27.9070, -3.2714, 13.7606

Deuteranopia

27.8485, 1.9046, 12.1203



Tritanopia

27.9660, -10.4453, -4.9057

Trichromacy



Original Color

27.9299, -22.0775, 12.7491

Protanomaly

27.0347, -13.5077, 12.7618

Deuteranomaly

26.6011, -10.6724, 11.3223

Tritanomaly

27.6453, -15.8005, 3.2398

Monochromacy



Original Color

27.9299, -22.0775, 12.7491

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

22.3889, -10.8725, 5.3116

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.9299, -22.0775, 12.7491 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, 92, 39)` looks like.

```
.text, #text, p{  
    color:rgb(0, 92, 39)  
}
```

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, 92, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 92, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 27.9299, -22.0775, 12.7491 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, 92, 39) }
```


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

```
.border{ border-color:rgb(0, 92, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 92, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 92, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 92, 39); box-shadow:4px  
4px 4px 4px rgb(0, 92, 39) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.9299, -22.0775, 12.7491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 92, 39) }
```

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

```
.background{ background-color: rgb(0, 92,  
39) }
```

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