

Converting Colors

HunterLab(25.0859, -30.7955,
12.1307)

Have a look what the booklet for
HunterLab(25.0859, -30.7955,
12.1307) contains.

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Color

**HunterLab(27.2048,
-22.1641, 13.8422)**

Conversions

Conversions Part 1	
Format	Color
Hex	005A1D
RGB	0, 90, 29
RGB Percent	0%, 35%, 11%
CMY	1.0000, 0.6471, 0.8863
CMYK	1.00, 0.00, 0.68, 0.65
HSL	139°, 100%, 18%
HSV	139°, 100%, 35%
XYZ	3.8779, 7.4010, 2.3865
YIQ	56.1360, -34.0590, -38.0510

Conversions

Conversions Part 2

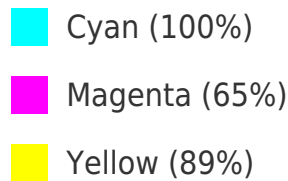
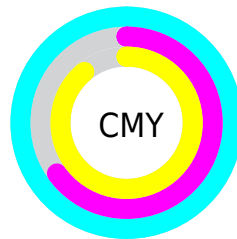
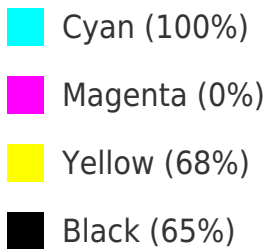
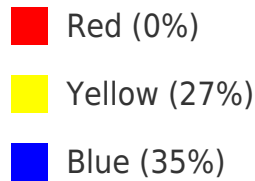
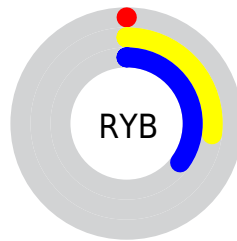
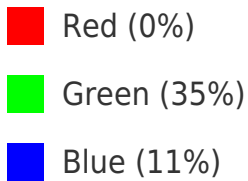
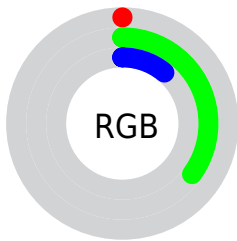
Format	Color
RYB	0, 68, 90
Decimal	23069
CIELab	32.70, -37.80, 28.00
CIELCh	33, 47.038, 143.470
Yxy	7.4013, 0.2838, 0.5416
Android (android.graphics.Color)	4278213149 (0xFF005A1D)
YUV	56.1360, -13.3780, -49.2313
Hunter-Lab	27.2048, -22.1641, 13.8422

Details

The HunterLab color **27.2048, -22.1641, 13.8422** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **15.8451, 29.2615, -6.2441**, and the grayscale version is **19.9855, -1.0664, 1.0859**.

A 20% lighter version of the original color is **45.5300, -28.4126, 18.6541**, and **13.1444, -11.2713, 7.9022** is the 20% darker color. If you saturate the color by 10%, you get **27.2054, -22.1644, 13.8423**, and if you desaturate by 10%, it is **27.3727, -21.3362, 13.0320**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 27.2048, -22.1641, 13.8422 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 27.2048, -22.1641, 13.8422 by changing the saturation by 10% instead.


 27.2048, -22.1641,
13.8422


 27.2048, -22.1641,
13.8422


130.7509,
-46.4521, 33.4292


 19.2726, -18.5987,
11.0937

 45.5808, -28.4263,
18.8036

 12.3088, -15.5363,
8.6162


 55.8862, -31.2771,
21.0838

 5.4709, -9.5740,
3.8296


 66.8690, -34.0003,
23.2735

0.0000, NaN, NaN

0.0000, NaN, NaN

 78.4897, -36.6236,
25.3933

0.0000, NaN, NaN

 90.7149, -39.1670,
27.4586


0.0000, NaN, NaN


0.0000, NaN, NaN


 103.5163,


-41.6456, 29.4807


0.0000, NaN, NaN


 116.8689,
-44.0709, 31.4686


 27.2048, -22.1641,
13.8422


 27.2048, -22.1641,
13.8422


 27.2054, -22.1644,
13.8423

 27.3727, -21.3362,
13.0320

 27.5730, -20.3541,
12.0834

 27.8447, -19.0635,
11.0295

 28.1930, -17.4544,
9.8813

 28.6208, -15.5286,
8.6507

■ 29.1300, -13.2961,
7.3511

■ 29.7210, -10.7740,
5.9965

■ 30.3934, -7.9844,
4.6006

■ 31.1457, -4.9527,
3.1768

Harmonies

Analogous

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



27.2054, -12.7397, 17.0266



27.2048, -22.1641, 13.8422



27.2054, -25.9250, 4.6282

Triad

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



27.2054, -22.1644, 13.8423



27.2054, -4.8925, -47.1878



27.2054, 33.2560, 10.8079

Complementary

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



27.2048, -22.1641, 13.8422



15.8451, 29.2615, -6.2441

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.



27.2054, 36.7426, -2.0942



27.2048, -22.1641, 13.8422



27.2054, 12.0388, -41.8845

Square

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



27.2054, -22.1644, 13.8423



27.2054, -17.5676, -34.5113



27.2054, 28.2355, -22.5964



27.2054, 19.5878, 16.1235

Rectangle

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



27.2048, -22.1641, 13.8422



27.2054, -25.5285, -6.3298



27.2054, 28.2355, -22.5964



27.2054, 35.7716, 7.4976

Sweetspot

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



27.2054, -22.1644, 13.8423



39.2297, -14.5905, 8.1081



28.8456, -15.7535, 17.4987



19.1828, -7.6139, 4.2182



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



27.2054, -22.1644, 13.8423



35.9600, -29.4594, 18.6474



27.9290, -17.7150, 3.3327



16.1148, -2.3684, 1.5540



33.4661, -27.3815, 17.2791



78.2195, -64.6651, 41.8259

Inverse Universe

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



15.8451, 29.2615, -6.2441



20.9155, 38.5525, -7.6788



14.8750, 25.7356, 7.5835



15.3979, 0.7422, 0.1652



19.4712, 35.9062, -7.2718



45.3808, 83.3654, -14.4690

Previews

White Background



This preview shows how the HunterLab color 27.2048, -22.1641, 13.8422 looks on a white background.

Color Contrast Check

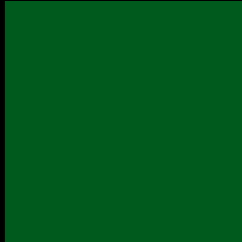
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 27.2048, -22.1641, 13.8422 looks on a 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 27.2048, -22.1641, 13.8422 Background



This preview shows how black text looks on a background with the HunterLab color 27.2048, -22.1641, 13.8422.



This preview shows how white text looks on a background with the HunterLab color 27.2048, -22.1641, 13.8422.

-22.1641, 13.8422.

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

27.2048, -22.1641, 13.8422

Protanopia

27.1307, -3.5420, 14.5201

Deuteranopia

27.0543, 1.5136, 13.2125



Tritanopia

27.3666, -9.9198, -4.7536

Trichromacy



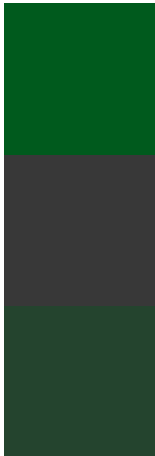
Original Color
27.2048, -22.1641, 13.8422

Protanomaly
26.3172, -13.5617, 13.6431

Deuteranomaly
25.8117, -11.0497, 12.4065

Tritanomaly
26.9576, -15.7378, 4.3076

Monochromacy



Original Color
27.2048, -22.1641, 13.8422

Achromatopsia
19.8862, -1.0611, 1.0805

Achromatomaly
21.6946, -10.9139, 6.1131

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.2048, -22.1641, 13.8422 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, 90, 29)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 29)  
}
```

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, 90, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 27.2048, -22.1641, 13.8422 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, 90, 29) }
```


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

```
.border{ border-color:rgb(0, 90, 29) }
```

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

Here you see how a box with a 4 pixel rgb(0, 90, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 29); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 90, 29); box-shadow:4px  
4px 4px 4px rgb(0, 90, 29) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.2048, -22.1641, 13.8422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 29) }
```

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

```
.background{ background-color: rgb(0, 90,  
29) }
```

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](#).

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