

Converting Colors

HunterLab(27.6181, -23.6492,
12.1167)

Have a look what the booklet for
HunterLab(27.6181, -23.6492,
12.1167) contains.

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Color

**HunterLab(27.9542,
-21.9262, 12.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	005C29
RGB	0, 92, 41
RGB Percent	0%, 36%, 16%
CMY	1.0000, 0.6392, 0.8392
CMYK	1.00, 0.00, 0.55, 0.64
HSL	147°, 100%, 18%
HSV	147°, 100%, 36%
XYZ	4.2274, 7.8144, 3.3833
YIQ	58.6780, -38.4610, -35.3650

Conversions

Conversions Part 2

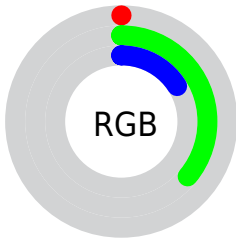
Format	Color
RYB	0, 64, 92
Decimal	23593
CIELab	33.59, -36.61, 22.63
CIELCh	34, 43.040, 148.281
Yxy	7.8147, 0.2741, 0.5066
Android (android.graphics.Color)	4278213673 (0xFF005C29)
YUV	58.6780, -8.7153, -51.4606
Hunter-Lab	27.9542, -21.9262, 12.3920

Details

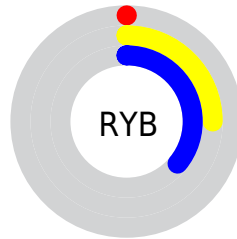
The HunterLab color $[27.9542, -21.9262, 12.3920]$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $[15.8570, 28.6626, -1.4384]$, and the grayscale version is $[20.8413, -1.1120, 1.1323]$.

A 20% lighter version of the original color is $[46.4142, -27.7734, 16.3203]$, and $[13.6995, -11.7474, 8.2359]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.9547, -21.9266, 12.3923]$, and if you desaturate by 10%, it is $[28.1283, -21.0638, 11.4934]$.

Distribution



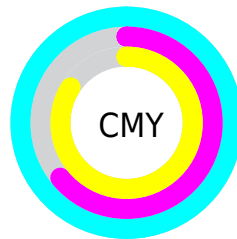
- Red (0%)
- Green (36%)
- Blue (16%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.9542, -21.9262, 12.3920 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 27.9542, -21.9262, 12.3920 by changing the saturation by 10% instead.

■ 27.9542, -21.9262,
12.3920

■ 27.9542, -21.9262,
12.3920

132.0118,
-45.4976, 29.0345

■ 19.9414, -18.5018,
10.1127

■ 46.4697, -27.9693,
16.5025

■ 12.8860, -15.1168,
8.7599

■ 56.8372, -30.7300,
18.4164

■ 6.3077, -11.0385,
4.4154

■ 67.8783, -33.3719,
20.2691

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.5541, -35.9207,
22.0761

0.0000, NaN, NaN

■ 91.8317, -38.3951,
23.8487

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.6831,

-40.8092, 25.5952

0.0000, NaN, NaN

■ 118.0837,
-43.1738, 27.3221

■ 27.9542, -21.9262,
12.3920

■ 27.9542, -21.9262,
12.3920

■ 27.9547, -21.9266,
12.3923

■ 28.1283, -21.0638,
11.4934

■ 28.3335, -20.0601,
10.5051

■ 28.6083, -18.7640,
9.4655

■ 28.9577, -17.1657,
8.3872

■ 29.3850, -15.2660,
7.2827

■ 29.8918, -13.0737,
6.1644

■ 30.4791, -10.6038,
5.0444

■ 31.1462, -7.8766,
3.9336

■ 31.8922, -4.9153,
2.8417

Harmonies

Analogous

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



27.9548, -13.8126, 16.4543



27.9542, -21.9262, 12.3920



27.9548, -24.7517, 2.3269

Triad

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



27.9548, -21.9265, 12.3922



27.9548, -2.3473, -41.7213



27.9548, 28.4727, 11.5989

Complementary

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



27.9542, -21.9262, 12.3920



15.8570, 28.6626, -1.4384

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.



27.9548, 33.2911, 0.6917



27.9542, -21.9262, 12.3920



27.9548, 13.4160, -34.6871

Square

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



27.9548, -21.9265, 12.3922



27.9548, -15.0166, -33.0019



27.9548, 27.2876, -16.9323



27.9548, 15.2192, 16.1940

Rectangle

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



27.9542, -21.9262, 12.3920



27.9548, -23.8259, -8.4473



27.9548, 27.2876, -16.9323



27.9548, 31.2406, 8.7912

Sweetspot

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



27.9548, -21.9265, 12.3922



40.2435, -14.3547, 6.8143



28.9624, -18.3251, 17.5256



20.0378, -7.6592, 3.6197



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.



27.9548, -21.9265, 12.3922



36.9564, -29.1703, 16.7781



28.8519, -16.4531, -0.5447



16.1277, -2.2964, 1.3692



33.6112, -26.4783, 15.1480



78.5426, -62.6500, 37.0720

Inverse Universe

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



15.8570, 28.6626, -1.4384



20.9306, 37.7483, -1.2351



15.1290, 25.9973, 9.0872



15.3840, 0.6675, 0.3629



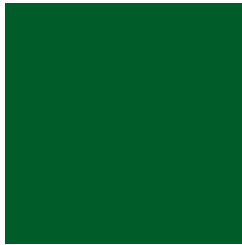
19.0452, 34.3723, -1.3122



44.3640, 79.6968, -0.1858

Previews

White Background



This preview shows how the HunterLab color 27.9542, -21.9262, 12.3920 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 27.9542, -21.9262, 12.3920 Background



This preview shows how black text looks on a background with the HunterLab color 27.9542, -21.9262, 12.3920.



This preview shows how white text looks on a background with the HunterLab color 27.9542, -21.9262, 12.3920.

-21.9262, 12.3920.

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

27.9542, -21.9262, 12.3920

Protanopia

27.9289, -3.1501, 13.4389

Deuteranopia

28.0092, 1.2150, 12.0252



Tritanopia

27.9660, -10.4453, -4.9057

Trichromacy



Original Color

27.9542, -21.9262, 12.3920

Protanomaly

27.0580, -13.3702, 12.4208

Deuteranomaly

26.8487, -11.1081, 11.0875

Tritanomaly

27.6695, -15.6556, 2.8935

Monochromacy



Original Color

27.9542, -21.9262, 12.3920

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

22.7299, -10.9376, 5.3402

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.9542, -21.9262, 12.3920 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 92, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 92, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 27.9542, -21.9262, 12.3920 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, 41) }
```


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

```
.border{ border-color:rgb(0, 92, 41) }
```

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, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 92, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 92, 41); box-shadow:4px  
4px 4px 4px rgb(0, 92, 41) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.9542, -21.9262, 12.3920 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, 41) }
```

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

```
.background{ background-color: rgb(0, 92,  
41) }
```

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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