

Converting Colors

HunterLab(28.0002, -16.6957,
6.0370)

Have a look what the booklet for
HunterLab(28.0002, -16.6957,
6.0370) contains.

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Color

**HunterLab(27.9016,
-16.6187, 5.9492)**

Conversions

Conversions Part 1

Format	Color
Hex	1C5942
RGB	28, 89, 66
RGB Percent	11%, 35%, 26%
CMY	0.8902, 0.6510, 0.7412
CMYK	0.69, 0.00, 0.26, 0.65
HSL	157°, 52%, 23%
HSV	157°, 69%, 35%
XYZ	5.0347, 7.7850, 6.3916
YIQ	68.1390, -28.9730, -20.0850

Conversions

Conversions Part 2

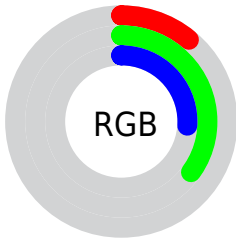
Format	Color
R_{YB}	28, 66, 89
Decimal	1857858
CIE Lab	33.53, -25.72, 7.67
CIE LCh	34, 26.837, 163.392
Yxy	7.7853, 0.2621, 0.4052
Android (android.graphics.Color)	4280047938 (0xFF1C5942)
YUV	68.1390, -1.0545, -35.2019
Hunter-Lab	27.9016, -16.6187, 5.9492

Details

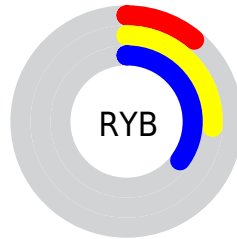
The HunterLab color **27.9016, -16.6187, 5.9492** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **17.8706, 19.9963, 0.9698**, and the grayscale version is **24.1032, -1.2861, 1.3096**.

A 20% lighter version of the original color is **46.5581, -21.1935, 8.0448**, and **13.3777, -9.8205, 4.4787** is the 20% darker color. If you saturate the color by 10%, you get **27.6395, -17.8197, 6.7429**, and if you desaturate by 10%, it is **28.2324, -15.1559, 5.1851**.

Distribution



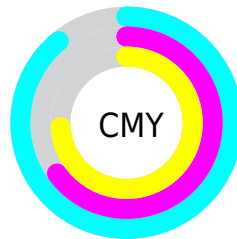
- Red (11%)
- Green (35%)
- Blue (26%)



- Red (11%)
- Yellow (26%)
- Blue (35%)



- Cyan (69%)
- Magenta (0%)
- Yellow (26%)
- Black (65%)



- Cyan (89%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.9016, -16.6187, 5.9492 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 27.9016, -16.6187, 5.9492 by changing the saturation by 10% instead.

■ 27.9016, -16.6187,
5.9492

■ 27.9016, -16.6187,
5.9492

■ 131.9235,
-34.5475, 15.0702

■ 19.8944, -14.1545,
4.9493

■ 46.4074, -21.0573,
7.9166

■ 12.8453, -11.4174,
3.9107

■ 56.7706, -23.1232,
8.9028

■ 6.2528, -10.9425,
4.3770

■ 67.8076, -25.1220,
9.8975

0.0000, NaN, NaN

■ 79.4795, -27.0699,
10.9035

0.0000, NaN, NaN

■ 91.7535, -28.9786,
11.9228

0.0000, NaN, NaN

■ 104.6014,

0.0000, NaN, NaN

-30.8568, 12.9564

0.0000, NaN, NaN

117.9987,
-32.7113, 14.0054

27.9016, -16.6187,
5.9492

27.9016, -16.6187,
5.9492

27.6395, -17.8197,
6.7429

28.2324, -15.1559,
5.1851

27.4402, -18.7661,
7.5545

28.6331, -13.4302,
4.4594

27.2733, -19.5788,
8.3480

29.1061, -11.4487,
3.7809

27.2491, -19.6964,
8.4599

29.6521, -9.2233,
3.1567

30.2710, -6.7701,
2.5924

■ 30.9618, -4.1084,
2.0920

■ 31.7230, -1.2589,
1.6580

■ 32.5527, 1.7570,
1.2919

■ 33.4484, 4.9182,
0.9934

Harmonies

Analogous

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



27.9022, -12.7253, 11.2552



27.9016, -16.6187, 5.9492



27.9022, -16.8191, -2.7076

Triad

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



27.9022, -16.6190, 5.9495



27.9022, 2.7659, -20.5655



27.9022, 12.7025, 10.8475

Complementary

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



27.9016, -16.6187, 5.9492



17.8706, 19.9963, 0.9698

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.



27.9022, 18.0855, 5.1726



27.9016, -16.6187, 5.9492



27.9022, 11.8628, -13.8533

Square

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



27.9022, -16.6190, 5.9495



27.9022, -6.4114, -20.1465



27.9022, 17.7595, -3.7838



27.9022, 3.7974, 13.3832

Rectangle

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



27.9016, -16.6187, 5.9492



27.9022, -14.8852, -9.5368



27.9022, 17.7595, -3.7838



27.9022, 15.0330, 9.3416

Sweetspot

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



27.9022, -16.6190, 5.9495



39.2997, -9.8803, 3.6097



28.1829, -16.5949, 14.7642



19.7115, -5.2490, 1.8791



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.



27.9022, -16.6190, 5.9495



35.9565, -24.0758, 9.4520



26.4300, -10.5201, -5.1006



15.3300, -2.0637, 1.0411



33.0728, -24.0222, 10.5188



78.2736, -57.6342, 26.5804

Inverse Universe

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



17.8706, 19.9963, 0.9698



21.0677, 31.0516, 2.9476



18.4847, 15.2990, 8.1338



14.5975, 0.5144, 0.6130



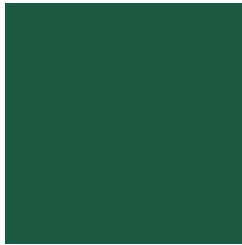
18.1324, 31.9116, 5.0553



42.7859, 74.9367, 14.7441

Previews

White Background



This preview shows how the HunterLab color 27.9016, -16.6187, 5.9492 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

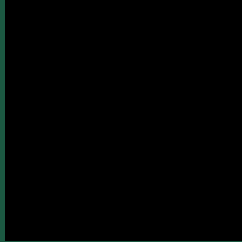
Any Text WCAG AA × Fail

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 27.9016, -16.6187, 5.9492 Background



This preview shows how black text looks on a background with the HunterLab color 27.9016, -16.6187, 5.9492.



This preview shows how white text looks on a background with the HunterLab color 27.9016,

-16.6187, 5.9492.

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

27.9016, -16.6187, 5.9492

Protanopia

27.6957, -1.9159, 7.5812

Deuteranopia

27.8787, 1.6343, 5.2335



Tritanopia

28.0350, -10.2462, -4.3177

Trichromacy



Original Color

27.9016, -16.6187, 5.9492

Protanomaly

27.3559, -8.5340, 6.5149

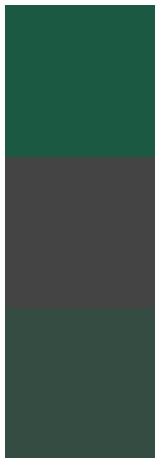
Deuteranomaly

27.3779, -6.8327, 4.9071

Tritanomaly

27.9253, -12.6734, -0.3895

Monochromacy



Original Color

27.9016, -16.6187, 5.9492

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.1615, -8.0953, 2.8499

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.9016, -16.6187, 5.9492 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(28, 89, 66)` looks like.

```
.text, #text, p{  
    color:rgb(28, 89, 66)  
}
```

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(28, 89, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 89, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 27.9016, -16.6187, 5.9492 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(28, 89, 66) }
```


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

```
.border{ border-color:rgb(28, 89, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 89, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 89, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 89, 66);  
box-shadow:4px 4px 4px 4px rgb(28, 89, 66)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.9016, -16.6187, 5.9492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 89, 66) }
```

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

```
.background{ background-color: rgb(28, 89,  
66) }
```

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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