

Converting Colors

HunterLab(28.4738, -19.5193,
6.5468)

Have a look what the booklet for
HunterLab(28.4738, -19.5193,
6.5468) contains.

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Color

**HunterLab(28.3684,
-19.3758, 6.3688)**

Conversions

Conversions Part 1

Format	Color
Hex	005C42
RGB	0, 92, 66
RGB Percent	0%, 36%, 26%
CMY	1.0000, 0.6392, 0.7412
CMYK	1.00, 0.00, 0.28, 0.64
HSL	163°, 100%, 18%
HSV	163°, 100%, 36%
XYZ	4.8105, 8.0477, 6.4541
YIQ	61.5280, -46.4860, -27.5900

Conversions

Conversions Part 2

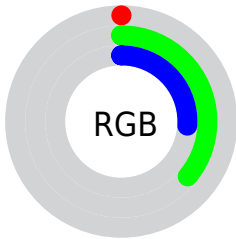
Format	Color
RYB	0, 54, 92
Decimal	23618
CIELab	34.08, -30.92, 8.37
CIELCh	34, 32.032, 164.857
Yxy	8.0480, 0.2491, 0.4167
Android (android.graphics.Color)	4278213698 (0xFF005C42)
YUV	61.5280, 2.2047, -53.9601
Hunter-Lab	28.3684, -19.3758, 6.3688

Details

The HunterLab color **28.3684, -19.3758, 6.3688** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **15.3300, 26.7382, 6.1335**, and the grayscale version is **21.7897, -1.1626, 1.1839**.

A 20% lighter version of the original color is **46.9607, -24.5025, 8.4089**, and **13.9235, -10.3532, 4.9465** is the 20% darker color. If you saturate the color by 10%, you get **28.3689, -19.3764, 6.3694**, and if you desaturate by 10%, it is **28.5284, -18.6130, 5.6865**.

Distribution



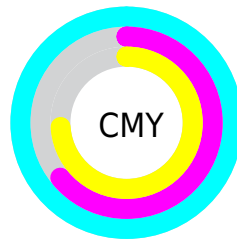
- Red (0%)
- Green (36%)
- Blue (26%)



- Red (0%)
- Yellow (21%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3684, -19.3758, 6.3688 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 28.3684, -19.3758, 6.3688 by changing the saturation by 10% instead.

■ 28.3684, -19.3758,
6.3688

■ 28.3684, -19.3758,
6.3688

132.7056,
-39.9356, 15.8228

■ 20.3117, -16.4732,
5.3152

■ 46.9600, -24.5545,
8.4282

■ 13.2065, -13.2851,
4.2153

■ 57.3615, -26.9434,
9.4550

■ 6.7229, -11.7650,
4.7060

■ 68.4344, -29.2422,
10.4877

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.1403, -31.4711,
11.5295

0.0000, NaN, NaN

■ 92.4466, -33.6450,
12.5826

0.0000, NaN, NaN

■ 105.3254,

0.0000, NaN, NaN

-35.7750, 13.6486

0.0000, NaN, NaN

118.7522,
-37.8696, 14.7284

28.3684, -19.3758,
6.3688

28.3684, -19.3758,
6.3688

28.3689, -19.3764,
6.3694

28.5284, -18.6130,
5.6865

28.7135, -17.7471,
5.0031

28.9615, -16.6312,
4.3634

29.2775, -15.2534,
3.7782

29.6650, -13.6105,
3.2560

■ 30.1260, -11.7069,
2.8040

■ 30.6619, -9.5523,
2.4273

■ 31.2726, -7.1614,
2.1296

■ 31.9575, -4.5520,
1.9128

Harmonies

Analogous

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



28.3690, -15.1011, 12.5258



28.3684, -19.3758, 6.3688



28.3690, -19.3963, -4.1948

Triad

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



28.3690, -19.3760, 6.3691



28.3690, 4.1903, -26.0639



28.3690, 15.3262, 12.4867

Complementary

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



28.3684, -19.3758, 6.3688



15.3300, 26.7382, 6.1335

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.



28.3690, 22.3063, 6.2890



28.3684, -19.3758, 6.3688



28.3690, 15.2341, -17.0358

Square

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



28.3690, -19.3760, 6.3691



28.3690, -6.8979, -26.0155



28.3690, 22.2702, -4.3125



28.3690, 4.3014, 15.0141

Rectangle

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



28.3684, -19.3758, 6.3688



28.3690, -17.0427, -12.7489



28.3690, 22.2702, -4.3125



28.3690, 18.2937, 10.8978

Sweetspot

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



28.3690, -19.3760, 6.3691



40.4918, -12.9236, 3.2543



28.0627, -22.0439, 16.9059



20.1720, -6.8830, 1.6956



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.



28.3690, -19.3760, 6.3691



37.5079, -25.7714, 8.7516



23.2732, -8.1030, -11.5967



16.1568, -2.1349, 0.9544



34.1117, -23.3944, 7.8652



79.7260, -55.3478, 19.8294

Inverse Universe

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



15.3300, 26.7382, 6.1335



20.2413, 35.2308, 8.6847



16.6539, 20.8336, 10.6263



15.3541, 0.5062, 0.7897



18.4159, 32.0747, 7.7381



42.9370, 74.4755, 20.4235

Previews

White Background



This preview shows how the HunterLab color 28.3684, -19.3758, 6.3688 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 28.3684, -19.3758, 6.3688 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 28.3684, -19.3758, 6.3688 Background



This preview shows how black text looks on a background with the HunterLab color 28.3684, -19.3758, 6.3688.



This preview shows how white text looks on a background with the HunterLab color 28.3684, -19.3758, 6.3688.

-19.3758, 6.3688.

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

28.3684, -19.3758, 6.3688

Protanopia

28.3772, -2.1768, 8.2236

Deuteranopia

28.3068, 1.8039, 5.6813



Tritanopia

28.4283, -11.5063, -5.2637

Trichromacy



Original Color

28.3684, -19.3758, 6.3688

Protanomaly

27.4076, -11.2111, 6.5191

Deuteranomaly

27.1694, -9.0185, 4.6495

Tritanomaly

28.1484, -14.7550, -0.5804

Monochromacy



Original Color

28.3684, -19.3758, 6.3688

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

23.5697, -10.0719, 2.5177

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3684, -19.3758, 6.3688 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, 66)` looks like.

```
.text, #text, p{  
    color:rgb(0, 92, 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(0, 92, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 92, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3684, -19.3758, 6.3688 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, 66) }
```


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

```
.border{ border-color:rgb(0, 92, 66) }
```

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, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 92, 66); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 92, 66); box-shadow:4px  
4px 4px 4px rgb(0, 92, 66) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.3684, -19.3758, 6.3688 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, 66) }
```

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

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