

Converting Colors

HunterLab(27.9500, -22.0045,
4.4998)

Have a look what the booklet for
HunterLab(27.9500, -22.0045,
4.4998) contains.

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Color

**HunterLab(28.7592,
-19.1718, 5.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	005D46
RGB	0, 93, 70
RGB Percent	0%, 36%, 27%
CMY	1.0000, 0.6353, 0.7255
CMYK	1.00, 0.00, 0.25, 0.64
HSL	165°, 100%, 18%
HSV	165°, 100%, 36%
XYZ	5.0199, 8.2709, 7.1262
YIQ	62.5710, -48.0450, -26.8690

Conversions

Conversions Part 2

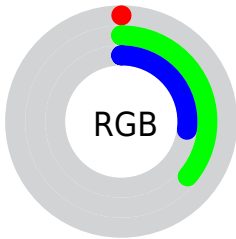
Format	Color
RYB	0, 53, 93
Decimal	23878
CIELab	34.54, -30.25, 6.54
CIELCh	35, 30.953, 167.801
Yxy	8.2712, 0.2459, 0.4051
Android (android.graphics.Color)	4278213958 (0xFF005D46)
YUV	62.5710, 3.6625, -54.8748
Hunter-Lab	28.7592, -19.1718, 5.4400

Details

The HunterLab color **28.7592, -19.1718, 5.4400** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **15.4572, 26.8693, 6.8845**, and the grayscale version is **22.1466, -1.1817, 1.2033**.

A 20% lighter version of the original color is **47.3791, -24.2989, 7.3211**, and **14.2588, -10.2456, 4.2952** is the 20% darker color. If you saturate the color by 10%, you get **28.7597, -19.1724, 5.4406**, and if you desaturate by 10%, it is **28.9152, -18.4357, 4.8175**.

Distribution



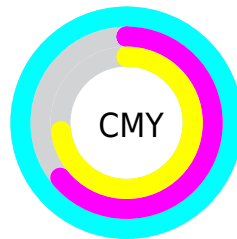
- Red (0%)
- Green (36%)
- Blue (27%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7592, -19.1718, 5.4400 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 28.7592, -19.1718, 5.4400 by changing the saturation by 10% instead.

■ 28.7592, -19.1718,
5.4400

■ 28.7592, -19.1718,
5.4400

■ 133.3583,
-39.3564, 14.0442

■ 20.6615, -16.3399,
4.5296

■ 47.4220, -24.2384,
7.2596

■ 13.5098, -13.1836,
3.5984

■ 57.8552, -26.5805,
8.1822

■ 7.0906, -12.4086,
4.2097

■ 68.9580, -28.8366,
9.1181

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.6921, -31.0262,
10.0692

0.0000, NaN, NaN

■ 93.0253, -33.1635,
11.0368


0.0000, NaN, NaN


■ 105.9297,


0.0000, NaN, NaN


-35.2591, 12.0215


0.0000, NaN, NaN


 119.3812,
-37.3213, 13.0239


 28.7592, -19.1718,
5.4400


 28.7592, -19.1718,
5.4400


 28.7597, -19.1724,
5.4406

 28.9152, -18.4357,
4.8175

 29.0965, -17.5960,
4.2022

 29.3411, -16.5066,
3.6398

 29.6540, -15.1549,
3.1405

 30.0388, -13.5373,
2.7122

■ 30.4978, -11.6573,
2.3615

■ 31.0322, -9.5243,
2.0928

■ 31.6422, -7.1522,
1.9088

■ 32.3273, -4.5588,
1.8105

Harmonies

Analogous

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



28.7598, -15.3786, 11.9363



28.7592, -19.1718, 5.4400



28.7598, -18.7803, -5.1633

Triad

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



28.7598, -19.1720, 5.4403



28.7598, 5.1021, -24.3608



28.7598, 13.8098, 12.7036

Complementary

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



28.7592, -19.1718, 5.4400



15.4572, 26.8693, 6.8845

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.



28.7598, 21.0658, 6.9807



28.7592, -19.1718, 5.4400



28.7598, 15.5498, -15.1470

Square

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



28.7598, -19.1720, 5.4403



28.7598, -5.8004, -25.2629



28.7598, 21.7459, -2.9369



28.7598, 2.9921, 14.9664

Rectangle

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



28.7592, -19.1718, 5.4400



28.7598, -16.1937, -13.3923



28.7598, 21.7459, -2.9369



28.7598, 16.8113, 11.2433

Sweetspot

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



28.7598, -19.1720, 5.4403



40.5261, -12.7270, 2.7651



28.3093, -22.5940, 17.0482



20.1906, -6.7757, 1.4297



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.



28.7598, -19.1720, 5.4403



37.6013, -25.2010, 7.4033



22.6711, -6.9947, -13.2366



16.1606, -2.1136, 0.8997



34.1962, -22.8787, 6.6464



79.9310, -54.0952, 16.8694

Inverse Universe

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



15.4572, 26.8693, 6.8845



20.1848, 35.0225, 9.5129



17.1762, 20.0937, 10.9351



15.3502, 0.4855, 0.8443



18.3638, 31.8824, 8.5025



42.8282, 74.0735, 22.0241

Previews

White Background



This preview shows how the HunterLab color 28.7592, -19.1718, 5.4400 looks on a white background.

Color Contrast Check

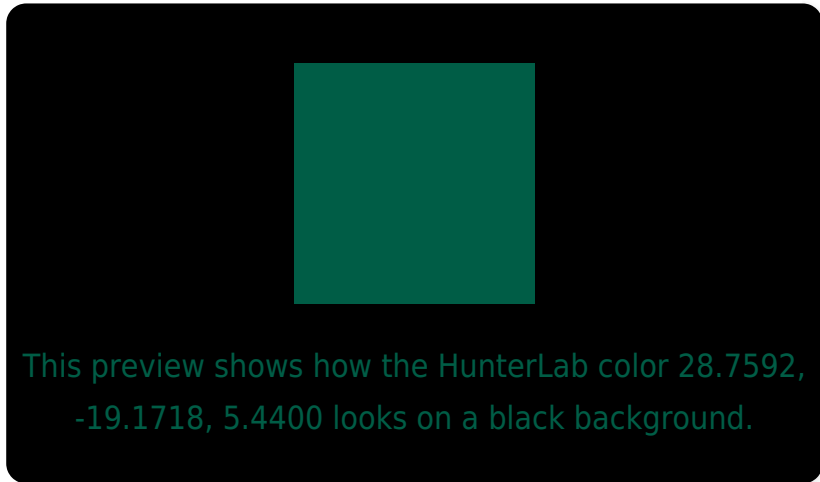
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7592, -19.1718, 5.4400 Background



This preview shows how black text looks on a background with the HunterLab color 28.7592, -19.1718, 5.4400.



This preview shows how white text looks on a background with the HunterLab color 28.7592,

-19.1718, 5.4400.

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

28.7592, -19.1718, 5.4400

Protanopia

28.6940, -2.2794, 7.6187

Deuteranopia

28.6446, 1.8469, 4.6361



Tritanopia

28.7817, -11.5103, -5.7634

Trichromacy



Original Color

28.7592, -19.1718, 5.4400

Protanomaly

27.7535, -11.2175, 5.8941

Deuteranomaly

27.5394, -8.8727, 3.6151

Tritanomaly

28.5287, -14.6053, -1.4157

Monochromacy



Original Color

28.7592, -19.1718, 5.4400

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

23.9625, -9.8493, 1.8401

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7592, -19.1718, 5.4400 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, 93, 70)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 70)  
}
```

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, 93, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7592, -19.1718, 5.4400 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, 93, 70) }
```


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

```
.border{ border-color:rgb(0, 93, 70) }
```

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

Here you see how a box with a 4 pixel rgb(0, 93, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 93, 70); box-shadow:4px  
4px 4px 4px rgb(0, 93, 70) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7592, -19.1718, 5.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 93, 70) }
```

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

```
.background{ background-color: rgb(0, 93,  
70) }
```

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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