

Converting Colors

HunterLab(28.8166, -18.5422,
4.0092)

Have a look what the booklet for
HunterLab(28.8166, -18.5422,
4.0092) contains.

HunterLab(28.8498, -18.6206, 4.1369)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(28.8498,
-18.6206, 4.1369)**

Conversions

Conversions Part 1

Format	Color
Hex	005D4A
RGB	0, 93, 74
RGB Percent	0%, 36%, 29%
CMY	1.0000, 0.6353, 0.7098
CMYK	1.00, 0.00, 0.20, 0.64
HSL	168°, 100%, 18%
HSV	168°, 100%, 36%
XYZ	5.1504, 8.3231, 7.8136
YIQ	63.0270, -49.3290, -25.6250

Conversions

Conversions Part 2

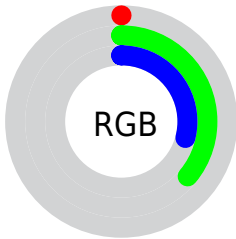
Format	Color
RYB	0, 52, 93
Decimal	23882
CIELab	34.65, -29.10, 4.21
CIElCh	35, 29.402, 171.765
Yxy	8.3234, 0.2420, 0.3910
Android (android.graphics.Color)	4278213962 (0xFF005D4A)
YUV	63.0270, 5.4097, -55.2747
Hunter-Lab	28.8498, -18.6206, 4.1369

Details

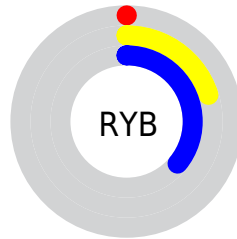
The HunterLab color **28.8498, -18.6206, 4.1369** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **15.4091, 26.6916, 7.5906**, and the grayscale version is **22.2994, -1.1898, 1.2116**.

A 20% lighter version of the original color is **47.5453, -23.3893, 5.5199**, and **14.3099, -9.9322, 3.5546** is the 20% darker color. If you saturate the color by 10%, you get **28.8503, -18.6212, 4.1375**, and if you desaturate by 10%, it is **28.9990, -17.9276, 3.6126**.

Distribution



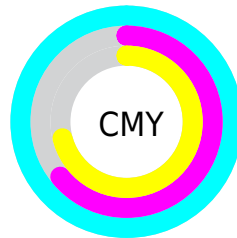
- Red (0%)
- Green (36%)
- Blue (29%)



- Red (0%)
- Yellow (20%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8498, -18.6206, 4.1369 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 28.8498, -18.6206, 4.1369 by changing the saturation by 10% instead.

■ 28.8498, -18.6206,
4.1369

■ 28.8498, -18.6206,
4.1369

■ 133.5093,
-38.2071, 11.6802

■ 20.7427, -15.8913,
3.4010

■ 47.5290, -23.5165,
5.6609

■ 13.5802, -12.8439,
2.6727

■ 57.9696, -25.7849,
6.4538

■ 7.1730, -12.5527,
2.8241

■ 69.0792, -27.9729,
7.2689

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.8199, -30.0989,
8.1064

0.0000, NaN, NaN

■ 93.1592, -32.1763,
8.9665

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.0696,

-34.2152, 9.8490

0.0000, NaN, NaN

■ 119.5268,
-36.2235, 10.7536

■ 28.8498, -18.6206,
4.1369

■ 28.8498, -18.6206,
4.1369

■ 28.8503, -18.6212,
4.1375

■ 28.9990, -17.9276,
3.6126

■ 29.1731, -17.1345,
3.1036

■ 29.4097, -16.0958,
2.6565

■ 29.7141, -14.7983,
2.2806

■ 30.0898, -13.2377,
1.9833

■ 30.5392, -11.4167,
1.7699

■ 31.0637, -9.3439,
1.6439

■ 31.6634, -7.0324,
1.6067

■ 32.3379, -4.4992,
1.6585

Harmonies

Analogous

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



28.8504, -15.4897, 10.9559



28.8498, -18.6206, 4.1369



28.8504, -17.7063, -6.3127

Triad

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



28.8504, -18.6208, 4.1372



28.8504, 6.1646, -21.9345



28.8504, 11.7472, 12.7840

Complementary

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



28.8498, -18.6206, 4.1369



15.4091, 26.6916, 7.5906

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.



28.8504, 19.2191, 7.7116



28.8498, -18.6206, 4.1369



28.8504, 15.6946, -12.6675

Square

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



28.8504, -18.6208, 4.1372



28.8504, -4.3193, -23.9423



28.8504, 20.7567, -1.2563



28.8504, 1.3468, 14.6742

Rectangle

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



28.8498, -18.6206, 4.1369



28.8504, -14.8598, -13.9809



28.8504, 20.7567, -1.2563



28.8504, 14.7417, 11.5011

Sweetspot

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



28.8504, -18.6208, 4.1372



40.5684, -12.4840, 2.1606



28.2477, -22.8543, 17.0056



20.2136, -6.6430, 1.1006



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.



28.8504, -18.6208, 4.1372



37.7223, -24.4651, 5.6635



21.8255, -5.7873, -14.7858



16.1653, -2.0875, 0.8329



34.3054, -22.2140, 5.0749



80.1974, -52.4726, 13.0336

Inverse Universe

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



15.4091, 26.6916, 7.5906



20.1255, 34.8033, 10.3856



17.5552, 19.0167, 11.1498



15.3456, 0.4605, 0.9105



18.3087, 31.6792, 9.3116



42.7171, 73.6628, 23.6619

Previews

White Background



This preview shows how the HunterLab color 28.8498, -18.6206, 4.1369 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 28.8498, -18.6206, 4.1369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

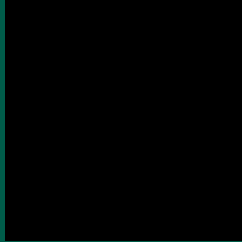
Any Text WCAG AA × Fail

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 28.8498, -18.6206, 4.1369 Background



This preview shows how black text looks on a background with the HunterLab color 28.8498, -18.6206, 4.1369.



This preview shows how white text looks on a background with the HunterLab color 28.8498,

-18.6206, 4.1369.

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

28.8498, -18.6206, 4.1369

Protanopia

28.7761, -1.8281, 6.4318

Deuteranopia

28.8997, 1.6167, 3.4317



Tritanopia

29.0212, -12.0825, -5.4336

Trichromacy



Original Color

28.8498, -18.6206, 4.1369

Protanomaly

27.8414, -10.7062, 4.6288

Deuteranomaly

27.8603, -8.9059, 2.4606

Tritanomaly

28.8653, -14.6865, -1.8835

Monochromacy



Original Color

28.8498, -18.6206, 4.1369

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

23.9873, -9.7046, 1.4857

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8498, -18.6206, 4.1369 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, 74)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 74)  
}
```

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, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8498, -18.6206, 4.1369 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, 74) }
```


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

```
.border{ border-color:rgb(0, 93, 74) }
```

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, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 93, 74); box-shadow:4px  
4px 4px 4px rgb(0, 93, 74) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.8498, -18.6206, 4.1369 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, 74) }
```

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

```
.background{ background-color: rgb(0, 93,  
74) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor