

Converting Colors

HunterLab(29.8845, -25.5361,
17.7721)

Have a look what the booklet for
HunterLab(29.8845, -25.5361,
17.7721) contains.

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Color

**HunterLab(29.8835,
-25.5466, 17.7959)**

Conversions

Conversions Part 1

Format	Color
Hex	006303
RGB	0, 99, 3
RGB Percent	0%, 39%, 1%
CMY	1.0000, 0.6118, 0.9882
CMYK	1.00, 0.00, 0.97, 0.61
HSL	122°, 100%, 19%
HSV	122°, 100%, 39%
XYZ	4.4783, 8.9302, 1.5738
YIQ	58.4550, -28.1880, -50.8440

Conversions

Conversions Part 2

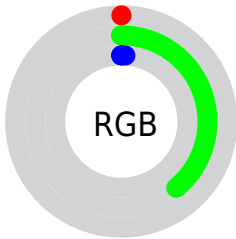
Format	Color
RYB	0, 96, 99
Decimal	25347
CIELab	35.85, -42.90, 40.68
CIELCh	36, 59.118, 136.524
Yxy	8.9306, 0.2989, 0.5960
Android (android.graphics.Color)	4278215427 (0xFF006303)
YUV	58.4550, -27.3393, -51.2650
Hunter-Lab	29.8835, -25.5466, 17.7959

Details

The HunterLab color **29.8835, -25.5466, 17.7959** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **18.7008, 36.5413, -22.9195**, and the grayscale version is **20.8242, -1.1111, 1.1314**.

A 20% lighter version of the original color is **48.7630, -32.5175, 24.6111**, and **15.3872, -13.1945, 9.2505** is the 20% darker color. If you saturate the color by 10%, you get **29.8841, -25.5470, 17.7960**, and if you desaturate by 10%, it is **30.0266, -24.8675, 17.3411**.

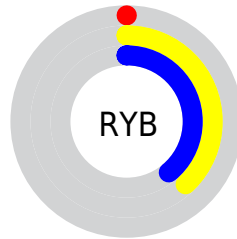
Distribution



Red (0%)

Green (39%)

Blue (1%)



Red (0%)

Yellow (38%)

Blue (39%)

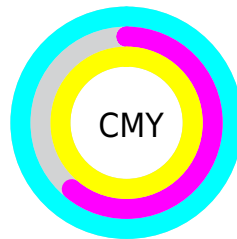


Cyan (100%)

Magenta (0%)

Yellow (97%)

Black (61%)



Cyan (100%)

Magenta (61%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8835, -25.5466, 17.7959 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 29.8835, -25.5466, 17.7959 by changing the saturation by 10% instead.

■ 29.8835, -25.5466,
17.7959

■ 29.8835, -25.5466,
17.7959

■ 135.2255,
-52.2050, 44.0752

■ 21.6701, -21.6443,
14.4244

■ 48.7480, -32.4319,
24.5885

■ 14.3875, -17.4790,
10.0712

■ 59.2712, -35.5691,
27.6926

■ 8.0478, -14.0836,
5.6335

■ 70.4586, -38.5640,
30.6531

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.2729, -41.4460,
33.4976

0.0000, NaN, NaN

■ 94.6824, -44.2365,
36.2472


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 107.6597,


-46.9518, 38.9183


0.0000, NaN, NaN


 121.1811,
-49.6046, 41.5242


 29.8835, -25.5466,
17.7959


 29.8835, -25.5466,
17.7959


 29.8841, -25.5470,
17.7960

 30.0266, -24.8675,
17.3411

 30.2149, -23.9682,
16.6888

 30.4939, -22.6516,
15.7638

 30.8709, -20.8983,
14.5563

 31.3505, -18.7054,
13.0667

■ 31.9356, -16.0843,
11.3042

■ 32.6267, -13.0577,
9.2851

■ 33.4234, -9.6571,
7.0311

■ 34.3234, -5.9195,
4.5670

Harmonies

Analogous

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



29.8841, -12.2002, 20.2067



29.8835, -25.5466, 17.7959



29.8841, -31.5209, 9.2420

Triad

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



29.8841, -25.5470, 17.7960



29.8841, -10.4061, -64.6603



29.8841, 47.5852, 10.5934

Complementary

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



29.8835, -25.5466, 17.7959



18.7008, 36.5413, -22.9195

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.



29.8841, 48.4583, -8.7376



29.8835, -25.5466, 17.7959



29.8841, 10.7298, -63.2455

Square

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



29.8841, -25.5470, 17.7960



29.8841, -24.5466, -41.6074



29.8841, 33.5634, -38.5072



29.8841, 31.4311, 18.2044

Rectangle

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



29.8835, -25.5466, 17.7959



29.8841, -31.9848, -3.0570



29.8841, 33.5634, -38.5072



29.8841, 49.8033, 5.6568

Sweetspot

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



29.8841, -25.5470, 17.7960



42.6493, -17.4611, 12.3998



33.8892, -9.6402, 20.7136



20.6629, -9.0797, 6.4227



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.8841, -25.5470, 17.7960



39.1366, -33.4822, 23.3612



30.2727, -23.1245, 12.0808



16.9046, -2.6861, 2.0974



34.1174, -29.1776, 20.3422



78.8414, -67.5343, 47.2423

Inverse Universe

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



18.7008, 36.5413, -22.9195



24.4875, 47.8401, -29.9466



16.9261, 30.2399, 1.2205



16.2091, 0.9936, -0.3433



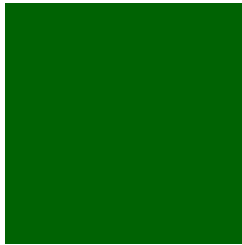
21.3485, 41.7110, -26.1350



49.3185, 96.3214, -60.0836

Previews

White Background



This preview shows how the HunterLab color 29.8835, -25.5466, 17.7959 looks on a white background.

Color Contrast Check

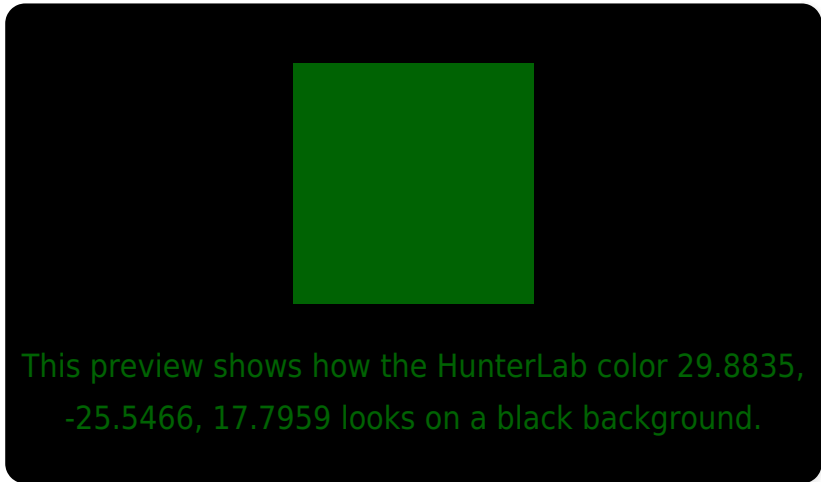
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8835, -25.5466, 17.7959 Background



This preview shows how black text looks on a background with the HunterLab color 29.8835, -25.5466, 17.7959.



This preview shows how white text looks on a background with the HunterLab color 29.8835,

-25.5466, 17.7959.

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

29.8835, -25.5466, 17.7959

Protanopia

29.8829, -4.7009, 18.3314

Deuteranopia

29.7648, 1.6290, 16.8574



Tritanopia

30.0789, -10.8947, -4.9245

Trichromacy



Original Color

29.8835, -25.5466, 17.7959

Protanomaly

28.7666, -16.0576, 17.3856

Deuteranomaly

28.3622, -13.0736, 16.3031

Tritanomaly

29.6439, -18.9416, 8.2335

Monochromacy



Original Color

29.8835, -25.5466, 17.7959

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

23.0181, -13.1762, 9.2297

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8835, -25.5466, 17.7959 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, 99, 3)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 3)  
}
```

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, 99, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 3) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8835, -25.5466, 17.7959 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, 99, 3) }
```


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

```
.border{ border-color:rgb(0, 99, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 99, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 99, 3); box-shadow:4px  
4px 4px 4px rgb(0, 99, 3) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.8835, -25.5466, 17.7959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 3) }
```

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

```
.background{ background-color: rgb(0, 99,  
3) }
```

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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