

Converting Colors

HunterLab(28.0638, -30.7884,
15.4375)

Have a look what the booklet for
HunterLab(28.0638, -30.7884,
15.4375) contains.

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Color

**HunterLab(29.3196,
-24.5691, 16.3906)**

Conversions

Conversions Part 1

Format	Color
Hex	006113
RGB	0, 97, 19
RGB Percent	0%, 38%, 7%
CMY	1.0000, 0.6196, 0.9255
CMYK	1.00, 0.00, 0.80, 0.62
HSL	132°, 100%, 19%
HSV	132°, 100%, 38%
XYZ	4.3922, 8.5964, 2.0439
YIQ	59.1050, -32.7740, -44.8220

Conversions

Conversions Part 2

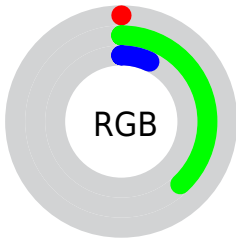
Format	Color
RYB	0, 81, 97
Decimal	24851
CIELab	35.20, -41.24, 35.11
CIElCh	35, 54.167, 139.589
Yxy	8.5967, 0.2922, 0.5718
Android (android.graphics.Color)	4278214931 (0xFF006113)
YUV	59.1050, -19.7718, -51.8351
Hunter-Lab	29.3196, -24.5691, 16.3906

Details

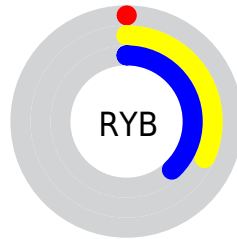
The HunterLab color **29.3196, -24.5691, 16.3906** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **17.5827, 33.2391, -12.8877**, and the grayscale version is **21.0234, -1.1218, 1.1422**.

A 20% lighter version of the original color is **48.1813, -31.2776, 22.4118**, and **14.8210, -12.7090, 8.9101** is the 20% darker color. If you saturate the color by 10%, you get **29.3202, -24.5695, 16.3907**, and if you desaturate by 10%, it is **29.4797, -23.7859, 15.6873**.

Distribution



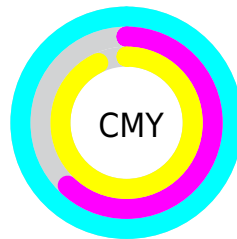
- Red (0%)
- Green (38%)
- Blue (7%)



- Red (0%)
- Yellow (32%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.3196, -24.5691, 16.3906 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 29.3196, -24.5691, 16.3906 by changing the saturation by 10% instead.

■ 29.3196, -24.5691,
16.3906

■ 29.3196, -24.5691,
16.3906

134.2909,
-50.4244, 39.6733

■ 21.1639, -20.7888,
13.1838

■ 48.0835, -31.2372,
22.3625

■ 13.9464, -16.8273,
9.7625

■ 58.5619, -34.2766,
25.0968

■ 7.5844, -13.2727,
5.3091

■ 69.7070, -37.1797,
27.7117

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.4813, -39.9747,
30.2315

0.0000, NaN, NaN

■ 93.8527, -42.6826,
32.6748

0.0000, NaN, NaN

■ 106.7937,

0.0000, NaN, NaN

-45.3191, 35.0558

0.0000, NaN, NaN

120.2801,
-47.8965, 37.3857

29.3196, -24.5691,
16.3906

29.3196, -24.5691,
16.3906

29.3202, -24.5695,
16.3907

29.4797, -23.7859,
15.6873

29.6837, -22.7887,
14.7773

29.9708, -21.4217,
13.6843

30.3467, -19.6725,
12.4145

30.8153, -17.5419,
10.9786

■ 31.3788, -15.0417,
9.3909

■ 32.0378, -12.1927,
7.6683

■ 32.7914, -9.0221,
5.8293

■ 33.6380, -5.5616,
3.8932

Harmonies

Analogous

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



29.3202, -12.8646, 19.1597



29.3196, -24.5691, 16.3906



29.3202, -29.5961, 7.2203

Triad

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



29.3202, -24.5695, 16.3907



29.3202, -7.8960, -57.5235



29.3202, 41.5409, 11.0402

Complementary

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



29.3196, -24.5691, 16.3906



17.5827, 33.2391, -12.8877

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.



29.3202, 43.8600, -5.4248



29.3196, -24.5691, 16.3906



29.3202, 11.7540, -53.8708

Square

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



29.3202, -24.5695, 16.3907



29.3202, -21.7343, -39.2647



29.3202, 31.8633, -31.1713



29.3202, 26.1596, 17.6621

Rectangle

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



29.3196, -24.5691, 16.3906



29.3202, -29.6485, -4.8226



29.3202, 31.8633, -31.1713



29.3202, 44.0006, 6.8277

Sweetspot

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



29.3202, -24.5695, 16.3907



41.8641, -16.3055, 10.2426



31.9708, -13.9773, 19.4556



20.7310, -8.6814, 5.4363



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.



29.3202, -24.5695, 16.3907



38.3700, -32.2700, 21.7025



29.9106, -20.9133, 7.7603



16.9225, -2.5862, 1.8410



34.1912, -28.7149, 19.2512



78.9611, -66.7828, 45.4703

Inverse Universe

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



17.5827, 33.2391, -12.8877



22.9902, 43.4132, -16.4762



16.2448, 28.4195, 5.8472



16.1887, 0.8841, -0.0537



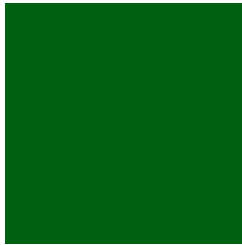
20.4934, 38.7158, -14.8209



47.2351, 89.0181, -32.4739

Previews

White Background



This preview shows how the HunterLab color 29.3196, -24.5691, 16.3906 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

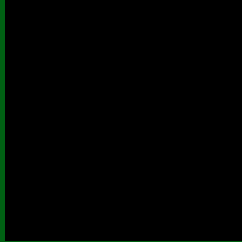
Any Text WCAG AA × Fail

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 29.3196, -24.5691, 16.3906 Background



This preview shows how black text looks on a background with the HunterLab color 29.3196, -24.5691, 16.3906.



This preview shows how white text looks on a background with the HunterLab color 29.3196,

-24.5691, 16.3906.

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

29.3196, -24.5691, 16.3906

Protanopia

29.2372, -4.1935, 17.0260

Deuteranopia

29.3579, 1.6090, 15.8997



Tritanopia

29.4029, -10.5628, -5.3679

Trichromacy



Original Color

29.3196, -24.5691, 16.3906

Protanomaly

28.1898, -15.2221, 16.0729

Deuteranomaly

28.0785, -12.5834, 15.1395

Tritanomaly

29.0948, -17.8510, 6.1421

Monochromacy



Original Color

29.3196, -24.5691, 16.3906

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

23.1495, -12.4716, 7.9433

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.3196, -24.5691, 16.3906 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, 97, 19)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 19)  
}
```

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, 97, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 29.3196, -24.5691, 16.3906 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, 97, 19) }
```


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

```
.border{ border-color:rgb(0, 97, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 97, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 19); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 97, 19); box-shadow:4px  
4px 4px 4px rgb(0, 97, 19) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.3196, -24.5691, 16.3906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 19) }
```

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

```
.background{ background-color: rgb(0, 97,  
19) }
```

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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