

Converting Colors

HunterLab(28.7464, -22.9832,
0.8783)

Have a look what the booklet for
HunterLab(28.7464, -22.9832,
0.8783) contains.

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Color

**HunterLab(29.9582,
-18.4296, 2.3391)**

Conversions

Conversions Part 1

Format	Color
Hex	006052
RGB	0, 96, 82
RGB Percent	0%, 38%, 32%
CMY	1.0000, 0.6235, 0.6784
CMYK	1.00, 0.00, 0.15, 0.62
HSL	171°, 100%, 19%
HSV	171°, 100%, 38%
XYZ	5.7059, 8.9749, 9.4142
YIQ	65.7000, -52.7220, -24.7060

Conversions

Conversions Part 2

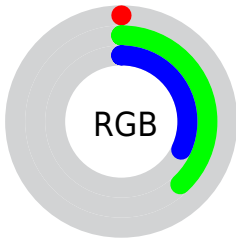
Format	Color
RYB	0, 52, 96
Decimal	24658
CIELab	35.94, -28.08, 1.11
CIELCh	36, 28.106, 177.742
Yxy	8.9753, 0.2368, 0.3725
Android (android.graphics.Color)	4278214738 (0xFF006052)
YUV	65.7000, 8.0359, -57.6189
Hunter-Lab	29.9582, -18.4296, 2.3391

Details

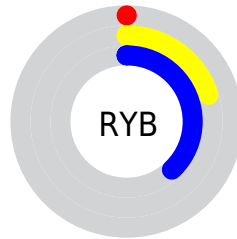
The HunterLab color **29.9582, -18.4296, 2.3391** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **15.8706, 27.3764, 8.7055**, and the grayscale version is **23.2231, -1.2391, 1.2618**.

A 20% lighter version of the original color is **48.7559, -23.1401, 3.5259**, and **15.2650, -9.9659, 2.4336** is the 20% darker color. If you saturate the color by 10%, you get **29.9587, -18.4302, 2.3397**, and if you desaturate by 10%, it is **30.0978, -17.7980, 1.9532**.

Distribution



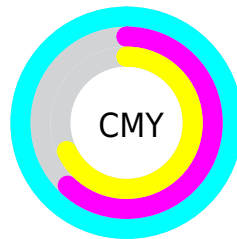
- Red (0%)
- Green (38%)
- Blue (32%)



- Red (0%)
- Yellow (20%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9582, -18.4296, 2.3391 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 29.9582, -18.4296, 2.3391 by changing the saturation by 10% instead.

■ 29.9582, -18.4296,
2.3391

■ 29.9582, -18.4296,
2.3391

135.3489,
-37.4226, 8.5482

■ 21.7372, -15.8178,
1.8182

■ 48.8358, -23.1437,
3.4952

■ 14.4460, -12.9197,
1.3378

■ 59.3650, -25.3375,
4.1256

■ 8.1069, -14.1871,
1.0075

■ 70.5580, -27.4582,
4.7887

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.3775, -29.5225,
5.4830

0.0000, NaN, NaN

■ 94.7920, -31.5429,
6.2071

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.7741,

-33.5285, 6.9601

0.0000, NaN, NaN

121.3001,
-35.4865, 7.7408

29.9582, -18.4296,
2.3391

29.9582, -18.4296,
2.3391

29.9587, -18.4302,
2.3397

30.0978, -17.7980,
1.9532

30.2643, -17.0587,
1.5942

30.4952, -16.0682,
1.3096

30.7959, -14.8122,
1.1082

31.1703, -13.2848,
0.9963

■ 31.6210, -11.4876,
0.9782

■ 32.1495, -9.4282,
1.0560

■ 32.7563, -7.1195,
1.2299

■ 33.4408, -4.5780,
1.4984

Harmonies

Analogous

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



29.9588, -16.1312, 9.8132



29.9582, -18.4296, 2.3391



29.9588, -16.7305, -8.1451

Triad

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



29.9588, -18.4297, 2.3394



29.9588, 7.8420, -19.3789



29.9588, 9.3176, 13.3050

Complementary

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



29.9582, -18.4296, 2.3391



15.8706, 27.3764, 8.7055

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.



29.9588, 17.2956, 8.9296



29.9582, -18.4296, 2.3391



29.9588, 16.3685, -9.8083

Square

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



29.9588, -18.4297, 2.3394



29.9588, -2.3507, -22.8697



29.9588, 20.0289, 0.9043



29.9588, -0.8421, 14.7172

Rectangle

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



29.9582, -18.4296, 2.3391



29.9588, -13.4175, -15.2211



29.9588, 20.0289, 0.9043



29.9588, 12.3910, 12.2205

Sweetspot

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



29.9588, -18.4297, 2.3394



42.4815, -12.7432, 1.3829



29.0907, -24.0913, 17.5034



21.0630, -6.7574, 0.6693



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.



29.9588, -18.4297, 2.3394



39.6363, -24.4788, 3.3008



20.8180, -3.3679, -18.7492



16.9969, -2.1720, 0.7777



35.3186, -21.7798, 2.8711



81.5714, -50.7116, 7.5147

Inverse Universe

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



15.8706, 27.3764, 8.7055



20.9777, 36.1366, 11.9143



18.9960, 17.3570, 12.0085



16.1110, 0.4658, 1.0531



18.6986, 32.2279, 10.4862



43.1207, 74.1263, 25.6864

Previews

White Background



This preview shows how the HunterLab color 29.9582, -18.4296, 2.3391 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 29.9582, -18.4296, 2.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

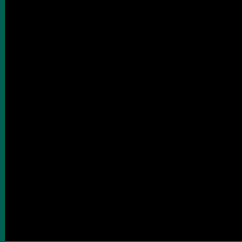
Any Text WCAG AA × Fail

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 29.9582, -18.4296, 2.3391 Background



This preview shows how black text looks on a background with the HunterLab color 29.9582, -18.4296, 2.3391.



This preview shows how white text looks on a background with the HunterLab color 29.9582,

-18.4296, 2.3391.

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

29.9582, -18.4296, 2.3391

Protanopia

29.8951, -1.5679, 4.8332

Deuteranopia

29.9429, 1.6730, 1.4623



Tritanopia

30.0022, -12.5506, -6.0632

Trichromacy



Original Color

29.9582, -18.4296, 2.3391

Protanomaly

28.9314, -10.5526, 2.8716

Deuteranomaly

28.9591, -8.6898, 0.5200

Tritanomaly

29.8877, -14.9508, -2.8525

Monochromacy



Original Color

29.9582, -18.4296, 2.3391

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

25.0357, -9.7433, 0.7370

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9582, -18.4296, 2.3391 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, 96, 82)` looks like.

```
.text, #text, p{  
    color:rgb(0, 96, 82)  
}
```

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, 96, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 96, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9582, -18.4296, 2.3391 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, 96, 82) }
```


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

```
.border{ border-color:rgb(0, 96, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 96, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 96, 82); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 96, 82); box-shadow:4px  
4px 4px 4px rgb(0, 96, 82) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.9582, -18.4296, 2.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 96, 82) }
```

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

```
.background{ background-color: rgb(0, 96,  
82) }
```

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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