

Converting Colors

HunterLab(28.1360, -27.9636,
4.6953)

Have a look what the booklet for
HunterLab(28.1360, -27.9636,
4.6953) contains.

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Color

**HunterLab(29.9860,
-20.4484, 6.6623)**

Conversions

Conversions Part 1

Format	Color
Hex	006146
RGB	0, 97, 70
RGB Percent	0%, 38%, 27%
CMY	1.0000, 0.6196, 0.7255
CMYK	1.00, 0.00, 0.28, 0.62
HSL	163°, 100%, 19%
HSV	163°, 100%, 38%
XYZ	5.3802, 8.9916, 7.2464
YIQ	64.9190, -49.1450, -28.9610

Conversions

Conversions Part 2

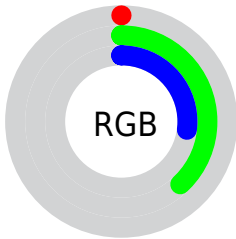
Format	Color
RYB	0, 56, 97
Decimal	24902
CIELab	35.97, -32.02, 8.55
CIELCh	36, 33.142, 165.048
Yxy	8.9920, 0.2489, 0.4159
Android (android.graphics.Color)	4278214982 (0xFF006146)
YUV	64.9190, 2.5049, -56.9340
Hunter-Lab	29.9860, -20.4484, 6.6623

Details

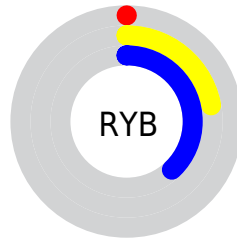
The HunterLab color **29.9860, -20.4484, 6.6623** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **16.1887, 28.2110, 6.6705**, and the grayscale version is **22.9679, -1.2255, 1.2479**.

A 20% lighter version of the original color is **48.7371, -25.5391, 8.7337**, and **15.0856, -11.0633, 5.0267** is the 20% darker color. If you saturate the color by 10%, you get **29.9865, -20.4490, 6.6629**, and if you desaturate by 10%, it is **30.1487, -19.6693, 5.9390**.

Distribution



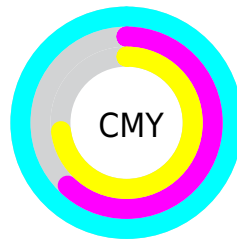
- Red (0%)
- Green (38%)
- Blue (27%)



- Red (0%)
- Yellow (22%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9860, -20.4484, 6.6623 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 29.9860, -20.4484, 6.6623 by changing the saturation by 10% instead.

■ 29.9860, -20.4484,
6.6623

■ 29.9860, -20.4484,
6.6623

135.3949,
-41.4372, 16.2143

■ 21.7622, -17.5027,
5.5999

■ 48.8685, -25.7254,
8.7432

■ 14.4678, -14.2160,
4.4950

■ 59.3999, -28.1643,
9.7813

■ 8.1289, -14.2255,
4.8030

■ 70.5950, -30.5125,
10.8253

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.4165, -32.7900,
11.8783

0.0000, NaN, NaN

■ 94.8328, -35.0113,
12.9424

0.0000, NaN, NaN

■ 107.8167,

0.0000, NaN, NaN

-37.1875, 14.0191

0.0000, NaN, NaN

121.3444,
-39.3272, 15.1095

29.9860, -20.4484,
6.6623

29.9860, -20.4484,
6.6623

29.9865, -20.4490,
6.6629

30.1487, -19.6693,
5.9390

30.3410, -18.7678,
5.2184

30.6006, -17.5991,
4.5455

30.9328, -16.1506,
3.9315

31.3413, -14.4185,
3.3856

■ 31.8286, -12.4070,
2.9155

■ 32.3958, -10.1266,
2.5268

■ 33.0433, -7.5927,
2.2234

■ 33.7703, -4.8244,
2.0072

Harmonies

Analogous

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



29.9866, -15.9676, 13.1884



29.9860, -20.4484, 6.6623



29.9866, -20.4414, -4.4976

Triad

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



29.9866, -20.4486, 6.6626



29.9866, 4.4892, -27.4048



29.9866, 16.0785, 13.2022

Complementary

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



29.9860, -20.4484, 6.6623



16.1887, 28.2110, 6.6705

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.



29.9866, 23.4699, 6.6909



29.9860, -20.4484, 6.6623



29.9866, 16.1111, -17.8563

Square

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



29.9866, -20.4486, 6.6626



29.9866, -7.2084, -27.4219



29.9866, 23.4827, -4.4560



29.9866, 4.4500, 15.8530

Rectangle

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



29.9860, -20.4484, 6.6623



29.9866, -17.9397, -13.5094



29.9866, 23.4827, -4.4560



29.9866, 19.2150, 11.5333

Sweetspot

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



29.9866, -20.4486, 6.6626



42.3438, -13.5332, 3.3484



29.6470, -23.3442, 17.8594



20.9881, -7.1886, 1.7378



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.



29.9866, -20.4486, 6.6626



39.2373, -26.9035, 9.0337



24.5561, -8.5087, -12.3245



16.9815, -2.2576, 0.9973



34.9659, -23.9227, 7.9379



80.7217, -55.8794, 19.7325

Inverse Universe

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



16.1887, 28.2110, 6.6705



21.1572, 36.7998, 9.2726



17.5459, 22.1810, 11.1996



16.1262, 0.5478, 0.8360



18.8628, 32.8340, 8.0726



43.4451, 75.3262, 20.9015

Previews

White Background



This preview shows how the HunterLab color 29.9860, -20.4484, 6.6623 looks on a white background.

Color Contrast Check

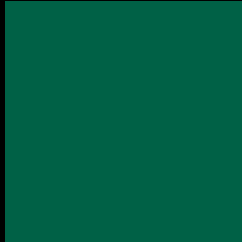
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9860, -20.4484, 6.6623 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 29.9860, -20.4484, 6.6623 Background



This preview shows how black text looks on a background with the HunterLab color 29.9860, -20.4484, 6.6623.



This preview shows how white text looks on a background with the HunterLab color 29.9860,

-20.4484, 6.6623.

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

29.9860, -20.4484, 6.6623

Protanopia

30.1518, -2.5146, 8.9975

Deuteranopia

29.8451, 2.0464, 5.9041



Tritanopia

30.1253, -12.0782, -5.8796

Trichromacy



Original Color

29.9860, -20.4484, 6.6623

Protanomaly

29.0476, -12.1152, 7.1664

Deuteranomaly

28.8243, -9.7906, 4.9791

Tritanomaly

29.8200, -15.4514, -1.1278

Monochromacy



Original Color

29.9860, -20.4484, 6.6623

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

24.8685, -10.6353, 2.4774

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9860, -20.4484, 6.6623 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, 70)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 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, 97, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9860, -20.4484, 6.6623 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, 70) }
```


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

```
.border{ border-color:rgb(0, 97, 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, 97, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 97, 70); box-shadow:4px  
4px 4px 4px rgb(0, 97, 70) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.9860, -20.4484, 6.6623 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, 70) }
```

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

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