

Converting Colors

HunterLab(27.0641, -14.8549,
-7.6000)

Have a look what the booklet for
HunterLab(27.0641, -14.8549,
-7.6000) contains.

HunterLab(27.6784, -12.8413, -6.8748)	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(27.6784,
-12.8413, -6.8748)**

Conversions

Conversions Part 1

Format	Color
Hex	005760
RGB	0, 87, 96
RGB Percent	0%, 34%, 38%
CMY	1.0000, 0.6588, 0.6235
CMYK	1.00, 0.09, 0.00, 0.62
HSL	186°, 100%, 19%
HSV	186°, 100%, 38%
XYZ	5.5195, 7.6609, 12.2542
YIQ	62.0130, -54.7410, -15.6450

Conversions

Conversions Part 2

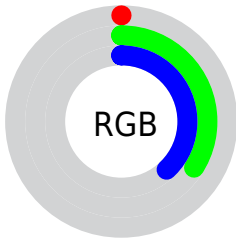
Format	Color
RYB	0, 46, 96
Decimal	22368
CIELab	33.27, -18.73, -11.62
CIELCh	33, 22.043, 211.810
Yxy	7.6612, 0.2170, 0.3012
Android (android.graphics.Color)	4278212448 (0xFF005760)
YUV	62.0130, 16.7556, -54.3854
Hunter-Lab	27.6784, -12.8413, -6.8748

Details

The HunterLab color **27.6784, -12.8413, -6.8748** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.3781, 24.9793, 10.5284**, and the grayscale version is **21.9113, -1.1691, 1.1905**.

A 20% lighter version of the original color is **46.0780, -16.3761, -6.8851**, and **13.4765, -5.4556, -5.0673** is the 20% darker color. If you saturate the color by 10%, you get **27.6785, -12.8414, -6.8749**, and if you desaturate by 10%, it is **28.0532, -12.7400, -6.3257**.

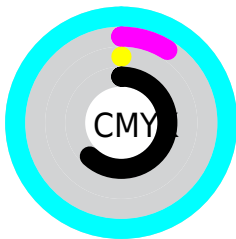
Distribution



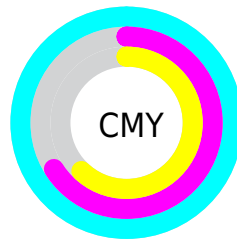
- Red (0%)
- Green (34%)
- Blue (38%)



- Red (0%)
- Yellow (18%)
- Blue (38%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (66%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.6784, -12.8413, -6.8748 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 27.6784, -12.8413, -6.8748 by changing the saturation by 10% instead.

■ 27.6784, -12.8413,
-6.8748

■ 27.6784, -12.8413,
-6.8748

■ 131.5485,
-27.2742, -5.7735

■ 19.6950, -10.9636,
-6.6617

■ 46.1428, -16.2942,
-7.0558

■ 12.6731, -8.9030,
-6.3627

■ 56.4875, -17.9313,
-7.0389

■ 6.0141, -10.5246,
-7.8856

■ 67.5072, -19.5319,
-6.9591

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 79.1628, -21.1066,
-6.8215

0.0000, NaN, NaN

■ 91.4213, -22.6632,
-6.6307

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.2543,

-24.2073, -6.3903

0.0000, NaN, NaN

117.6373,
-25.7431, -6.1037

27.6784, -12.8413,
-6.8748

27.6784, -12.8413,
-6.8748

27.6785, -12.8414,
-6.8749

28.0532, -12.7400,
-6.3257

28.4550, -12.5348,
-5.7443

28.9224, -12.0799,
-5.0756

29.4596, -11.3639,
-4.3184

30.0689, -10.3841,
-3.4745

■ 30.7514, -9.1443,
-2.5479

■ 31.5072, -7.6537,
-1.5443

■ 32.3354, -5.9257,
-0.4704

■ 33.2344, -3.9761,
0.6667

Harmonies

Analogous

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



27.6789, -14.6303, 1.0637



27.6784, -12.8413, -6.8748



27.6789, -8.0531, -13.7720

Triad

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



27.6789, -12.8412, -6.8744



27.6789, 12.6254, -5.9032



27.6789, -1.9387, 12.1159

Complementary

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



27.6784, -12.8413, -6.8748



16.3781, 24.9793, 10.5284

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.



27.6789, 5.7739, 11.1768



27.6784, -12.8413, -6.8748



27.6789, 14.7064, 1.9424

Square

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



27.6789, -12.8412, -6.8744



27.6789, 6.6590, -13.1131



27.6789, 12.0768, 7.8818



27.6789, -8.7723, 10.9127

Rectangle

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



27.6784, -12.8413, -6.8748



27.6789, -3.5309, -16.1015



27.6789, 12.0768, 7.8818



27.6789, 0.6358, 12.0417

Sweetspot

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



27.6789, -12.8412, -6.8744



41.6040, -10.3255, -2.1706



28.9543, -24.6113, 16.9397



20.5824, -5.4431, -1.2776



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.



27.6789, -12.8412, -6.8744



36.5271, -16.8631, -9.2532



15.3707, 6.4359, -33.1031



16.9040, -1.9007, 0.4034



32.5799, -15.0695, -8.1913



74.8442, -34.2551, -19.6018

Inverse Universe

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



17.8191, 34.3743, -18.4212



23.5665, 45.4398, -24.1630



23.0557, 7.9510, 14.3453



16.2013, 0.9515, -0.2318



21.0021, 40.5042, -21.6027



48.4710, 93.3678, -48.9859

Previews

White Background



This preview shows how the HunterLab color 27.6784, -12.8413, -6.8748 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 27.6784, -12.8413, -6.8748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

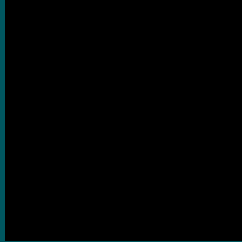
Any Text WCAG AA × Fail

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 27.6784, -12.8413, -6.8748 Background



This preview shows how black text looks on a background with the HunterLab color 27.6784, -12.8413, -6.8748.



This preview shows how white text looks on a background with the HunterLab color 27.6784, -12.8413, -6.8748.

-12.8413, -6.8748.

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

27.6784, -12.8413, -6.8748

Protanopia

27.7911, -0.1392, -3.5139

Deuteranopia

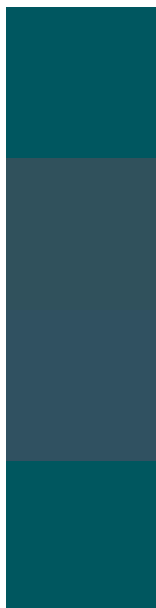
27.7959, 1.6977, -7.4906



Tritanopia

27.6126, -13.2293, -5.9551

Trichromacy



Original Color

27.6784, -12.8413, -6.8748

Protanomaly

26.9925, -6.9433, -5.7293

Deuteranomaly

27.1594, -5.9982, -8.0581

Tritanomaly

27.6453, -13.0363, -6.4125

Monochromacy



Original Color

27.6784, -12.8413, -6.8748

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

23.3071, -7.6566, -2.2528

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.6784, -12.8413, -6.8748 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, 87, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 96)  
}
```

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, 87, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 27.6784, -12.8413, -6.8748 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, 87, 96) }
```


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

```
.border{ border-color:rgb(0, 87, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 87, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 87, 96); box-shadow:4px  
4px 4px 4px rgb(0, 87, 96) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.6784, -12.8413, -6.8748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 96) }
```

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

```
.background{ background-color: rgb(0, 87,  
96) }
```

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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