

Converting Colors

HunterLab(27.8742, -12.9465,
-7.0230)

Have a look what the booklet for
HunterLab(27.8742, -12.9465,
-7.0230) contains.

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Color

**HunterLab(28.0045,
-13.0115, -6.9151)**

Conversions

Conversions Part 1

Format	Color
Hex	005861
RGB	0, 88, 97
RGB Percent	0%, 35%, 38%
CMY	1.0000, 0.6549, 0.6196
CMYK	1.00, 0.09, 0.00, 0.62
HSL	186°, 100%, 19%
HSV	186°, 100%, 38%
XYZ	5.6474, 7.8425, 12.5254
YIQ	62.7140, -55.3370, -15.8570

Conversions

Conversions Part 2

Format	Color
RYB	0, 46, 97
Decimal	22625
CIELab	33.65, -18.91, -11.66
CIELCh	34, 22.218, 211.655
Yxy	7.8428, 0.2171, 0.3015
Android (android.graphics.Color)	4278212705 (0xFF005861)
YUV	62.7140, 16.9030, -55.0002
Hunter-Lab	28.0045, -13.0115, -6.9151

Details

The HunterLab color **28.0045, -13.0115, -6.9151** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.5439, 25.2941, 10.6361**, and the grayscale version is **22.1539, -1.1821, 1.2037**.

A 20% lighter version of the original color is **46.4943, -16.2541, -7.3626**, and **13.7657, -5.6054, -5.1054** is the 20% darker color. If you saturate the color by 10%, you get **28.0047, -13.0115, -6.9152**, and if you desaturate by 10%, it is **28.3797, -12.9112, -6.3659**.

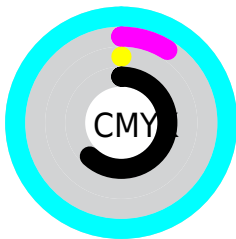
Distribution



- Red (0%)
- Green (35%)
- Blue (38%)



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



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



- Cyan (100%)
- Magenta (65%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0045, -13.0115, -6.9151 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 28.0045, -13.0115, -6.9151 by changing the saturation by 10% instead.

■ 28.0045, -13.0115,
-6.9151

■ 28.0045, -13.0115,
-6.9151

■ 132.0961,
-27.5230, -5.8082

■ 19.9863, -11.1242,
-6.7036

■ 46.5292, -16.4837,
-7.0937

■ 12.9248, -9.0551,
-6.4062

■ 56.9009, -18.1301,
-7.0760

■ 6.3596, -11.1293,
-7.5363

■ 67.9458, -19.7397,
-6.9955

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 79.6252, -21.3232,
-6.8574

0.0000, NaN, NaN

■ 91.9064, -22.8882,
-6.6661

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.7611,

-24.4404, -6.4255

0.0000, NaN, NaN

118.1649,
-25.9842, -6.1385

28.0045, -13.0115,
-6.9151

28.0045, -13.0115,
-6.9151

28.0047, -13.0115,
-6.9152

28.3797, -12.9112,
-6.3659

28.7829, -12.7031,
-5.7829

29.2525, -12.2420,
-5.1114

29.7928, -11.5164,
-4.3501

30.4062, -10.5233,
-3.5007

■ 31.0939, -9.2666,
-2.5672

■ 31.8558, -7.7555,
-1.5555

■ 32.6911, -6.0034,
-0.4722

■ 33.5984, -4.0265,
0.6753

Harmonies

Analogous

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



28.0050, -14.8052, 1.1149



28.0045, -13.0115, -6.9151



28.0050, -8.1808, -13.9094

Triad

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



28.0050, -13.0114, -6.9147



28.0050, 12.7536, -6.0162



28.0050, -1.9217, 12.2603

Complementary

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



28.0045, -13.0115, -6.9151



16.5439, 25.2941, 10.6361

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.



28.0050, 5.8818, 11.2987



28.0045, -13.0115, -6.9151



28.0050, 14.8834, 1.9278

Square

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



28.0050, -13.0114, -6.9147



28.0050, 6.7006, -13.2999



28.0050, 12.2461, 7.9511



28.0050, -8.8460, 11.0544

Rectangle

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



28.0045, -13.0115, -6.9151



28.0050, -3.6113, -16.2854



28.0050, 12.2461, 7.9511



28.0050, 0.6845, 12.1815

Sweetspot

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



28.0050, -13.0114, -6.9147



41.6147, -10.3411, -2.1572



29.2700, -24.8822, 17.1297



20.5883, -5.4515, -1.2703



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.



28.0050, -13.0114, -6.9147



36.5641, -16.9095, -9.1993



15.5221, 6.5412, -33.5198



16.9052, -1.9025, 0.4047



32.6125, -15.1103, -8.1439



74.9242, -34.3556, -19.4848

Inverse Universe

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



18.0173, 34.7629, -18.6719



23.5723, 45.4601, -24.2394



23.2961, 8.0610, 14.4954



16.2014, 0.9521, -0.2335



21.0072, 40.5220, -21.6700



48.4835, 93.4115, -49.1505

Previews

White Background



This preview shows how the HunterLab color 28.0045, -13.0115, -6.9151 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 28.0045, -13.0115, -6.9151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

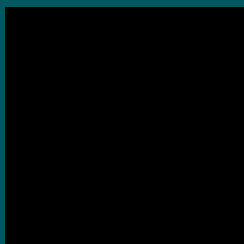
Any Text WCAG AA × Fail

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 28.0045, -13.0115, -6.9151 Background



This preview shows how black text looks on a background with the HunterLab color 28.0045, -13.0115, -6.9151.



This preview shows how white text looks on a background with the HunterLab color 28.0045,

-13.0115, -6.9151.

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

28.0045, -13.0115, -6.9151

Protanopia

28.1515, -0.1573, -3.5011

Deuteranopia

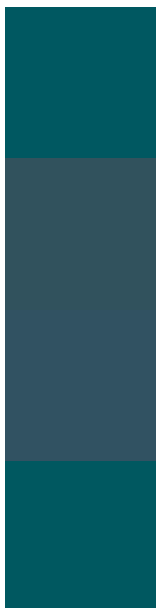
28.1557, 1.6808, -7.4788



Tritanopia

27.9386, -13.3999, -5.9943

Trichromacy



Original Color

28.0045, -13.0115, -6.9151

Protanomaly

27.3457, -6.9945, -5.7255

Deuteranomaly

27.5125, -6.0497, -8.0546

Tritanomaly

27.9714, -13.2067, -6.4523

Monochromacy



Original Color

28.0045, -13.0115, -6.9151

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

23.6513, -7.7111, -2.2482

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.0045, -13.0115, -6.9151 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, 88, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 97)  
}
```

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, 88, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 28.0045, -13.0115, -6.9151 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, 88, 97) }
```


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

```
.border{ border-color:rgb(0, 88, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 88, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 88, 97); box-shadow:4px  
4px 4px 4px rgb(0, 88, 97) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.0045, -13.0115, -6.9151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 88, 97) }
```

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

```
.background{ background-color: rgb(0, 88,  
97) }
```

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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