

Converting Colors

HunterLab(29.7644, -14.0169,
-6.9446)

Have a look what the booklet for
HunterLab(29.7644, -14.0169,
-6.9446) contains.

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Color

**HunterLab(29.6446,
-13.8676, -7.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	005D66
RGB	0, 93, 102
RGB Percent	0%, 36%, 40%
CMY	1.0000, 0.6353, 0.6000
CMYK	1.00, 0.09, 0.00, 0.60
HSL	185°, 100%, 20%
HSV	185°, 100%, 40%
XYZ	6.3126, 8.7880, 13.9339
YIQ	66.2190, -58.3170, -16.9170

Conversions

Conversions Part 2

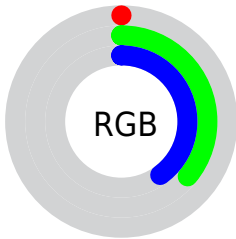
Format	Color
RYB	0, 49, 102
Decimal	23910
CIELab	35.57, -19.81, -11.87
CIELCh	36, 23.093, 210.921
Yxy	8.7883, 0.2174, 0.3027
Android (android.graphics.Color)	4278213990 (0xFF005D66)
YUV	66.2190, 17.6400, -58.0741
Hunter-Lab	29.6446, -13.8676, -7.1170

Details

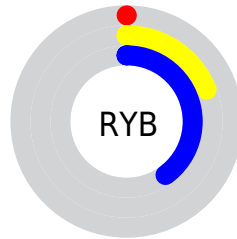
The HunterLab color **29.6446, -13.8676, -7.1170** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **17.3794, 26.8706, 11.1785**, and the grayscale version is **23.3739, -1.2472, 1.2699**.

A 20% lighter version of the original color is **48.5654, -17.6495, -7.1752**, and **15.1950, -6.5490, -4.8549** is the 20% darker color. If you saturate the color by 10%, you get **29.6448, -13.8676, -7.1171**, and if you desaturate by 10%, it is **30.0218, -13.7721, -6.5673**.

Distribution



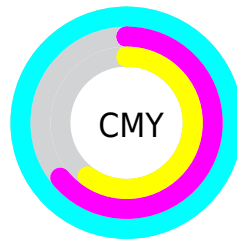
- Red (0%)
- Green (36%)
- Blue (40%)



- Red (0%)
- Yellow (19%)
- Blue (40%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6446, -13.8676, -7.1170 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 29.6446, -13.8676, -7.1170 by changing the saturation by 10% instead.

■ 29.6446, -13.8676,
-7.1170

■ 29.6446, -13.8676,
-7.1170

■ 134.8299,
-28.7652, -5.9829

■ 21.4555, -11.9335,
-6.9132

■ 48.4665, -17.4343,
-7.2841

■ 14.2003, -9.8225,
-6.6240

■ 58.9708, -19.1263,
-7.2624

■ 7.8551, -11.4095,
-6.6340

■ 70.1404, -20.7802,
-7.1786

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.9377, -22.4066,
-7.0380

0.0000, NaN, NaN

■ 94.3311, -24.0131,
-6.8447

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.2931,

-25.6057, -6.6024

0.0000, NaN, NaN

120.7997,
-27.1885, -6.3143

29.6446, -13.8676,
-7.1170

29.6446, -13.8676,
-7.1170

29.6448, -13.8676,
-7.1171

30.0218, -13.7721,
-6.5673

30.4320, -13.5489,
-5.9760

30.9128, -13.0570,
-5.2903

31.4687, -12.2830,
-4.5083

32.1026, -11.2231,
-3.6314

■ 32.8159, -9.8810,
-2.6638

■ 33.6087, -8.2663,
-1.6113

■ 34.4802, -6.3932,
-0.4810

■ 35.4288, -4.2789,
0.7194

Harmonies

Analogous

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



29.6451, -15.6845, 1.3729



29.6446, -13.8676, -7.1170



29.6451, -8.8233, -14.5994

Triad

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



29.6451, -13.8675, -7.1165



29.6451, 13.3970, -6.5864



29.6451, -1.8350, 12.9863

Complementary

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



29.6446, -13.8676, -7.1170



17.3794, 26.8706, 11.1785

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.



29.6451, 6.4258, 11.9111



29.6446, -13.8676, -7.1170



29.6451, 15.7737, 1.8524

Square

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



29.6451, -13.8675, -7.1165



29.6451, 6.9089, -14.2397



29.6451, 13.0976, 8.2988



29.6451, -9.2157, 11.7671

Rectangle

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



29.6446, -13.8676, -7.1170



29.6451, -4.0164, -17.2094



29.6451, 13.0976, 8.2988



29.6451, 0.9307, 12.8845

Sweetspot

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



29.6451, -13.8675, -7.1165



44.4122, -11.1472, -2.2594



30.8571, -26.2436, 18.0850



21.4173, -5.7329, -1.3005



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.6451, -13.8675, -7.1165



39.1572, -18.2385, -9.5714



16.2833, 7.0706, -35.6139



17.7371, -2.0163, 0.4250



33.5544, -15.6645, -8.1249



76.2054, -35.2430, -19.1706

Inverse Universe

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



19.0141, 36.7158, -19.9337



25.1636, 48.5695, -26.1896



24.5049, 8.6136, 15.2499



16.9855, 1.0247, -0.2675



21.5410, 41.5885, -22.5060



49.1277, 94.7451, -50.5205

Previews

White Background



This preview shows how the HunterLab color 29.6446, -13.8676, -7.1170 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 29.6446, -13.8676, -7.1170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

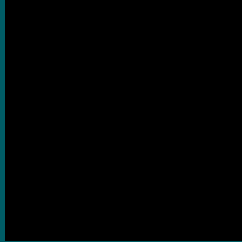
Any Text WCAG AA × Fail

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 29.6446, -13.8676, -7.1170 Background



This preview shows how black text looks on a background with the HunterLab color 29.6446, -13.8676, -7.1170.



This preview shows how white text looks on a background with the HunterLab color 29.6446,

-13.8676, -7.1170.

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

29.6446, -13.8676, -7.1170

Protanopia

29.6759, 0.0276, -3.3438

Deuteranopia

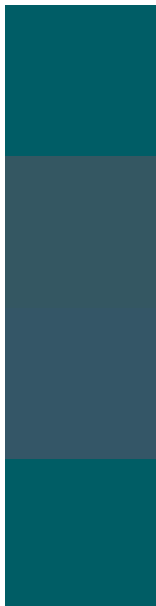
29.6368, 1.7958, -7.9072



Tritanopia

29.6113, -14.0638, -6.6517

Trichromacy



Original Color

29.6446, -13.8676, -7.1170

Protanomaly

29.0315, -7.5876, -5.8426

Deuteranomaly

28.9222, -6.2258, -8.5926

Tritanomaly

29.6113, -14.0638, -6.6517

Monochromacy



Original Color

29.6446, -13.8676, -7.1170

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.9512, -8.2485, -2.3469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6446, -13.8676, -7.1170 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, 93, 102)` looks like.

```
.text, #text, p{  
  color:rgb(0, 93, 102)  
}
```

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, 93, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 29.6446, -13.8676, -7.1170 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, 93, 102) }
```


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

```
.border{ border-color:rgb(0, 93, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 93, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 93, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 93, 102)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.6446, -13.8676, -7.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 93, 102) }
```

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

```
.background{ background-color: rgb(0, 93,  
102) }
```

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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