

# Converting Colors

HunterLab(28.2995, -18.8927,  
-8.5120)

Have a look what the booklet for  
HunterLab(28.2995, -18.8927,  
-8.5120) contains.

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# Color

**HunterLab(29.6113,  
-14.0638, -6.6517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005D65
RGB	0, 93, 101
RGB Percent	0%, 36%, 40%
CMY	1.0000, 0.6353, 0.6039
CMYK	1.00, 0.08, 0.00, 0.60
HSL	185°, 100%, 20%
HSV	185°, 100%, 40%
XYZ	6.2633, 8.7683, 13.6742
YIQ	66.1050, -57.9960, -17.2280

# Conversions

## Conversions Part 2

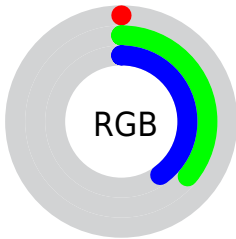
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 48, 101
Decimal	23909
CIELab	35.53, -20.17, -11.30
CIELCh	36, 23.124, 209.263
Yxy	8.7686, 0.2182, 0.3055
Android (android.graphics.Color)	4278213989 (0xFF005D65)
YUV	66.1050, 17.2032, -57.9741
Hunter-Lab	29.6113, -14.0638, -6.6517

# Details

The HunterLab color **29.6113, -14.0638, -6.6517** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **17.1483, 26.7611, 11.0341**, and the grayscale version is **23.3355, -1.2451, 1.2679**.

A 20% lighter version of the original color is **48.5315, -17.8457, -6.6984**, and **14.9008, -6.3963, -4.8170** is the 20% darker color. If you saturate the color by 10%, you get **29.6115, -14.0639, -6.6518**, and if you desaturate by 10%, it is **29.9583, -13.9327, -6.1504**.

# Distribution



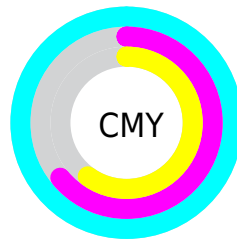
- Red (0%)
- Green (36%)
- Blue (40%)



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



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (60%)



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

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6113, -14.0638, -6.6517 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 29.6113, -14.0638, -6.6517 by changing the saturation by 10% instead.



■ 29.6113, -14.0638,  
-6.6517

■ 29.6113, -14.0638,  
-6.6517

134.7747,  
-29.1400, -5.3230

■ 21.4256, -12.0998,  
-6.4716

■ 48.4273, -17.6808,  
-6.7713

■ 14.1743, -9.9537,  
-6.2041

■ 58.9289, -19.3947,  
-6.7266

■ 7.8278, -11.6479,  
-6.2323

■ 70.0960, -21.0690,  
-6.6206

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.8910, -22.7144,  
-6.4584

0.0000, NaN, NaN

■ 94.2821, -24.3389,  
-6.2441

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.2419,

-25.9485, -5.9815

0.0000, NaN, NaN

120.7465,  
-27.5477, -5.6736

29.6113, -14.0638,  
-6.6517

29.6113, -14.0638,  
-6.6517

29.6115, -14.0639,  
-6.6518

29.9583, -13.9327,  
-6.1504

30.3370, -13.6782,  
-5.6084

30.7851, -13.1586,  
-4.9729

31.3074, -12.3606,  
-4.2415

31.9068, -11.2797,  
-3.4153

■ 32.5848, -9.9192,  
-2.4977

■ 33.3416, -8.2880,  
-1.4942

■ 34.1768, -6.3998,  
-0.4114

■ 35.0889, -4.2716,  
0.7430

# Harmonies

## Analogous

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



29.6118, -15.6937, 1.8033



29.6113, -14.0638, -6.6517



29.6118, -9.1816, -14.3003

# Triad

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



29.6118, -14.0638, -6.6513



29.6118, 13.1467, -7.0762



29.6118, -1.3794, 12.9891

# Complementary

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



29.6113, -14.0638, -6.6517



17.1483, 26.7611, 11.0341

# 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.



29.6118, 6.8718, 11.7847



29.6113, -14.0638, -6.6517



29.6118, 15.7966, 1.4191

# Square

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



29.6118, -14.0638, -6.6513



29.6118, 6.4846, -14.5887



29.6118, 13.3867, 8.0187



29.6118, -8.8673, 11.9000



# Rectangle

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



29.6113, -14.0638, -6.6517



29.6118, -4.4484, -17.1211



29.6118, 13.3867, 8.0187



29.6118, 1.3986, 12.8459

# Sweetspot

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



29.6118, -14.0638, -6.6513



43.5974, -11.0545, -2.0738



30.5325, -26.0082, 17.9826



21.4743, -5.8152, -1.2286



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.



29.6118, -14.0638, -6.6513



38.7113, -18.3193, -8.8398



16.5051, 6.1712, -33.9493



17.7484, -2.0343, 0.4382



33.8679, -16.0547, -7.6745



76.9637, -36.1898, -18.0745



# Inverse Universe

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



18.8608, 36.4867, -20.2946



24.6977, 47.7614, -26.4112



23.9095, 9.2376, 14.8939



16.9866, 1.0311, -0.2844



21.5904, 41.7613, -23.1567



49.2469, 95.1616, -52.0900



# Previews

## White Background



This preview shows how the HunterLab color 29.6113, -14.0638, -6.6517 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 29.6113, -14.0638, -6.6517 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

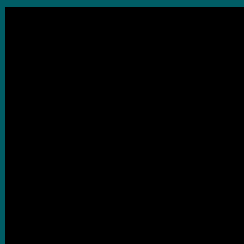
Any Text WCAG AA × Fail

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 29.6113, -14.0638, -6.6517 Background



This preview shows how black text looks on a background with the HunterLab color 29.6113, -14.0638, -6.6517.



This preview shows how white text looks on a background with the HunterLab color 29.6113,

-14.0638, -6.6517.

# 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

29.6113, -14.0638, -6.6517

### Protanopia

29.6454, -0.1377, -2.9141

### Deuteranopia

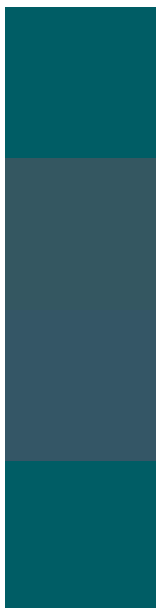
29.6778, 1.8654, -7.3156



## Tritanopia

29.6113, -14.0638, -6.6517

# Trichromacy



## Original Color

29.6113, -14.0638, -6.6517

## Protanomaly

28.9992, -7.7717, -5.3891

## Deuteranomaly

28.8876, -6.4206, -8.1119

## Tritanomaly

29.6113, -14.0638, -6.6517

# Monochromacy



## Original Color

29.6113, -14.0638, -6.6517

## 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 29.6113, -14.0638, -6.6517 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 101) }
```

## Border

The CSS property to change the border of an element to HunterLab 29.6113, -14.0638, -6.6517 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, 101) }
```



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

```
.border{ border-color:rgb(0, 93, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 93, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 93, 101)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 29.6113, -14.0638, -6.6517 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, 101) }
```

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

```
.background{ background-color: rgb(0, 93,  
101) }
```

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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