

Converting Colors

HunterLab(28.3701, -18.7912,
-7.1319)

Have a look what the booklet for
HunterLab(28.3701, -18.7912,
-7.1319) contains.

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Color

**HunterLab(29.5136,
-14.6411, -5.2836)**

Conversions

Conversions Part 1

Format	Color
Hex	005D62
RGB	0, 93, 98
RGB Percent	0%, 36%, 38%
CMY	1.0000, 0.6353, 0.6157
CMYK	1.00, 0.05, 0.00, 0.62
HSL	183°, 100%, 19%
HSV	183°, 100%, 38%
XYZ	6.1189, 8.7105, 12.9141
YIQ	65.7630, -57.0330, -18.1610

Conversions

Conversions Part 2

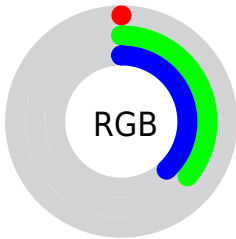
Format	Color
R_{YB}	0, 48, 98
Decimal	23906
CIE _{Lab}	35.42, -21.25, -9.61
CIE _{LCh}	35, 23.320, 204.330
Yxy	8.7108, 0.2206, 0.3140
Android (android.graphics.Color)	4278213986 (0xFF005D62)
YUV	65.7630, 15.8928, -57.6742
Hunter-Lab	29.5136, -14.6411, -5.2836

Details

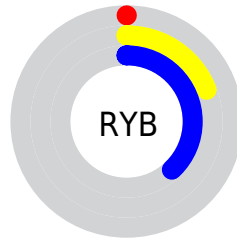
The HunterLab color **29.5136, -14.6411, -5.2836** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.4482, 26.4696, 10.5978**, and the grayscale version is **23.2198, -1.2389, 1.2616**.

A 20% lighter version of the original color is **48.4314, -18.4263, -5.2881**, and **14.8389, -6.7595, -3.9556** is the 20% darker color. If you saturate the color by 10%, you get **29.5139, -14.6413, -5.2835**, and if you desaturate by 10%, it is **29.7694, -14.4054, -4.9228**.

Distribution



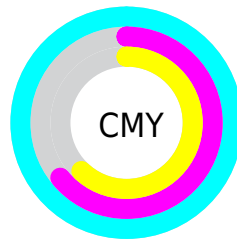
- Red (0%)
- Green (36%)
- Blue (38%)



- Red (0%)
- Yellow (19%)
- Blue (38%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5136, -14.6411, -5.2836 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 29.5136, -14.6411, -5.2836 by changing the saturation by 10% instead.

■ 29.5136, -14.6411,
-5.2836

■ 29.5136, -14.6411,
-5.2836

■ 134.6127,
-30.2497, -3.3551

■ 21.3379, -12.5877,
-5.1793

■ 48.3122, -18.4082,
-5.2547

■ 14.0979, -10.3366,
-4.9841

■ 58.8060, -20.1874,
-5.1391

■ 7.7472, -12.3652,
-5.0776

■ 69.9658, -21.9223,
-4.9644

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.7538, -23.6245,
-4.7358

0.0000, NaN, NaN

■ 94.1383, -25.3027,
-4.4574

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.0918,

-26.9632, -4.1326

0.0000, NaN, NaN

120.5904,
-28.6109, -3.7643

29.5136, -14.6411,
-5.2836

29.5136, -14.6411,
-5.2836

29.5139, -14.6413,
-5.2835

29.7694, -14.4054,
-4.9228

30.0535, -14.0585,
-4.5240

30.4038, -13.4579,
-4.0350

30.8252, -12.5891,
-3.4521

31.3210, -11.4466,
-2.7747

■ 31.8932, -10.0317,
-2.0049

■ 32.5427, -8.3520,
-1.1465

■ 33.2693, -6.4197,
-0.2052

■ 34.0721, -4.2505,
0.8126

Harmonies

Analogous

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



29.5141, -15.7148, 3.0536



29.5136, -14.6411, -5.2836



29.5141, -10.2386, -13.4034

Triad

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



29.5141, -14.6411, -5.2832



29.5141, 12.3921, -8.5738



29.5141, 0.0014, 12.9934

Complementary

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



29.5136, -14.6411, -5.2836



16.4482, 26.4696, 10.5978

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.



29.5141, 8.2166, 11.3966



29.5136, -14.6411, -5.2836



29.5141, 15.8553, 0.0822

Square

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



29.5141, -14.6411, -5.2832



29.5141, 5.2215, -15.6385



29.5141, 14.2495, 7.1538



29.5141, -7.8097, 12.2850

Rectangle

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



29.5136, -14.6411, -5.2836



29.5141, -5.7250, -16.8450



29.5141, 14.2495, 7.1538



29.5141, 2.8149, 12.7259

Sweetspot

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



29.5141, -14.6411, -5.2832



42.9978, -11.2712, -1.6251



29.5741, -25.2295, 17.4992



20.8404, -5.8154, -0.9536



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.



29.5141, -14.6411, -5.2832



39.0115, -19.3104, -7.0754



16.4046, 5.1250, -31.5659



16.9542, -1.9809, 0.4624



34.0305, -16.8619, -6.1351



78.4026, -38.6646, -14.5307

Inverse Universe

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



18.4044, 35.8097, -21.3951



24.3534, 47.3738, -28.1998



22.8608, 9.5896, 14.2539



16.2066, 0.9798, -0.3069



21.2330, 41.3097, -24.6319



49.0356, 95.3380, -56.3988

Previews

White Background



This preview shows how the HunterLab color 29.5136, -14.6411, -5.2836 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 29.5136, -14.6411, -5.2836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

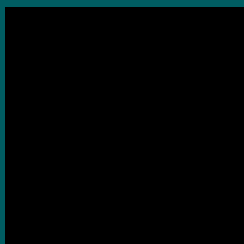
Any Text WCAG AA × Fail

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 29.5136, -14.6411, -5.2836 Background



This preview shows how black text looks on a background with the HunterLab color 29.5136, -14.6411, -5.2836.



This preview shows how white text looks on a background with the HunterLab color 29.5136, -14.6411, -5.2836.

-14.6411, -5.2836.

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

29.5136, -14.6411, -5.2836

Protanopia

29.5562, -0.6229, -1.6531

Deuteranopia

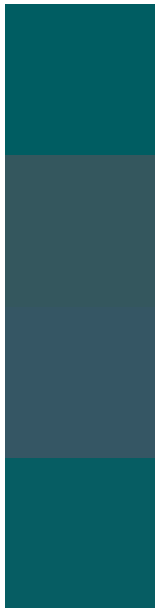
29.6870, 1.7628, -6.2652



Tritanopia

29.6873, -13.8336, -6.0279

Trichromacy



Original Color

29.5136, -14.6411, -5.2836

Protanomaly

28.9043, -8.3125, -4.0569

Deuteranomaly

28.8662, -6.6348, -7.0927

Tritanomaly

29.6113, -14.1947, -5.6378

Monochromacy



Original Color

29.5136, -14.6411, -5.2836

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.9222, -8.4154, -1.9375

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5136, -14.6411, -5.2836 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, 98)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 98)  
}
```

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, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5136, -14.6411, -5.2836 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, 98) }
```


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

```
.border{ border-color:rgb(0, 93, 98) }
```

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, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 98); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 93, 98); box-shadow:4px  
4px 4px 4px rgb(0, 93, 98) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.5136, -14.6411, -5.2836 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, 98) }
```

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

```
.background{ background-color: rgb(0, 93,  
98) }
```

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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