

Converting Colors

HunterLab(29.8224, -14.0889,
-6.8614)

Have a look what the booklet for
HunterLab(29.8224, -14.0889,
-6.8614) contains.

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Color

**HunterLab(29.9411,
-14.2363, -6.6917)**

Conversions

Conversions Part 1

Format	Color
Hex	005E66
RGB	0, 94, 102
RGB Percent	0%, 37%, 40%
CMY	1.0000, 0.6314, 0.6000
CMYK	1.00, 0.08, 0.00, 0.60
HSL	185°, 100%, 20%
HSV	185°, 100%, 40%
XYZ	6.4010, 8.9647, 13.9633
YIQ	66.8060, -58.5920, -17.4400

Conversions

Conversions Part 2

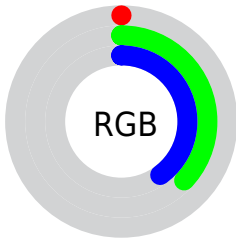
Format	Color
RYB	0, 49, 102
Decimal	24166
CIELab	35.92, -20.35, -11.35
CIELCh	36, 23.300, 209.140
Yxy	8.9650, 0.2183, 0.3057
Android (android.graphics.Color)	4278214246 (0xFF005E66)
YUV	66.8060, 17.3506, -58.5889
Hunter-Lab	29.9411, -14.2363, -6.6917

Details

The HunterLab color **29.9411, -14.2363, -6.6917** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **17.3167, 27.0752, 11.1435**, and the grayscale version is **23.5806, -1.2582, 1.2812**.

A 20% lighter version of the original color is **48.9167, -17.9227, -6.6994**, and **15.1950, -6.5490, -4.8549** is the 20% darker color. If you saturate the color by 10%, you get **29.9413, -14.2364, -6.6917**, and if you desaturate by 10%, it is **30.2884, -14.1060, -6.1903**.

Distribution



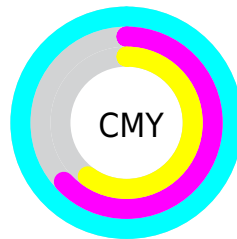
- Red (0%)
- Green (37%)
- Blue (40%)



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



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



- Cyan (100%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9411, -14.2363, -6.6917 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 29.9411, -14.2363, -6.6917 by changing the saturation by 10% instead.

29.9411, -14.2363,
-6.6917

29.9411, -14.2363,
-6.6917

135.3206,
-29.3878, -5.3585

21.7218, -12.2633,
-6.5131

48.8157, -17.8716,
-6.8093

14.4326, -10.1093,
-6.2472

59.3435, -19.5944,
-6.7639

8.0934, -11.3893,
-6.1610

70.5352, -21.2772,
-6.6574

0.0000, NaN, -NF

0.0000, NaN, NaN

82.3535, -22.9311,
-6.4947

0.0000, NaN, NaN

94.7668, -24.5637,
-6.2801

0.0000, NaN, NaN

107.7479,

0.0000, NaN, NaN

-26.1812, -6.0173

0.0000, NaN, NaN

121.2728,
-27.7880, -5.7092

29.9411, -14.2363,
-6.6917

29.9411, -14.2363,
-6.6917

29.9413, -14.2364,
-6.6917

30.2884, -14.1060,
-6.1903

30.6685, -13.8485,
-5.6467

31.1188, -13.3227,
-5.0084

31.6441, -12.5149,
-4.2729

32.2475, -11.4207,
-3.4412

■ 32.9305, -10.0430,
-2.5169

■ 33.6935, -8.3910,
-1.5053

■ 34.5359, -6.4785,
-0.4132

■ 35.4561, -4.3226,
0.7518

Harmonies

Analogous

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



29.9416, -15.8705, 1.8555



29.9411, -14.2363, -6.6917



29.9416, -9.3114, -14.4384

Triad

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



29.9416, -14.2363, -6.6913



29.9416, 13.2755, -7.1926



29.9416, -1.3606, 13.1350

Complementary

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



29.9411, -14.2363, -6.6917



17.3167, 27.0752, 11.1435

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.



29.9416, 6.9824, 11.9075



29.9411, -14.2363, -6.6917



29.9416, 15.9756, 1.4023

Square

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



29.9416, -14.2363, -6.6913



29.9416, 6.5257, -14.7787



29.9416, 13.5586, 8.0876



29.9416, -8.9407, 12.0434

Rectangle

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



29.9411, -14.2363, -6.6917



29.9416, -4.5306, -17.3067



29.9416, 13.5586, 8.0876



29.9416, 1.4495, 12.9871

Sweetspot

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



29.9416, -14.2363, -6.6913



44.5280, -11.3166, -2.1144



30.8510, -26.2815, 18.1743



21.4792, -5.8223, -1.2225



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.



29.9416, -14.2363, -6.6913



39.5609, -18.7413, -8.9907



16.6617, 6.2683, -34.3550



17.7493, -2.0358, 0.4394



33.8950, -16.0882, -7.6359



77.0292, -36.2713, -17.9805

Inverse Universe

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



19.0610, 36.8794, -20.5497



25.2273, 48.7919, -27.0271



24.1480, 9.3573, 15.0430



16.9868, 1.0316, -0.2858



21.5947, 41.7762, -23.2130



49.2572, 95.1977, -52.2258

Previews

White Background



This preview shows how the HunterLab color 29.9411, -14.2363, -6.6917 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 29.9411, -14.2363, -6.6917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

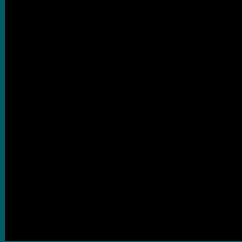
Any Text WCAG AA × Fail

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 29.9411, -14.2363, -6.6917 Background



This preview shows how black text looks on a background with the HunterLab color 29.9411, -14.2363, -6.6917.



This preview shows how white text looks on a background with the HunterLab color 29.9411, -14.2363, -6.6917.

-14.2363, -6.6917.

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

29.9411, -14.2363, -6.6917

Protanopia

30.0098, -0.1554, -2.9006

Deuteranopia

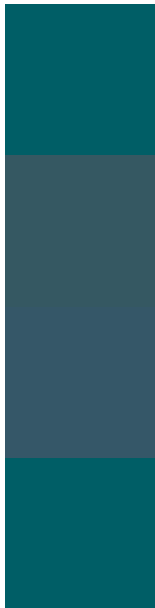
30.0756, 2.0314, -7.7785



Tritanopia

29.9411, -14.2363, -6.6917

Trichromacy



Original Color

29.9411, -14.2363, -6.6917

Protanomaly

29.3567, -7.8234, -5.3850

Deuteranomaly

29.2793, -6.2768, -8.5887

Tritanomaly

29.9411, -14.2363, -6.6917

Monochromacy



Original Color

29.9411, -14.2363, -6.6917

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

25.2993, -8.3038, -2.3422

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9411, -14.2363, -6.6917 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, 94, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 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, 94, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9411, -14.2363, -6.6917 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, 94, 102) }
```


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

```
.border{ border-color:rgb(0, 94, 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, 94, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 94, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 94, 102)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.9411, -14.2363, -6.6917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 102) }
```

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

```
.background{ background-color: rgb(0, 94,  
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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