

Converting Colors

HunterLab(30.2638, -14.6350,
-6.2344)

Have a look what the booklet for
HunterLab(30.2638, -14.6350,
-6.2344) contains.

HunterLab(30.2386, -14.6039, -6.2700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(30.2386,
-14.6039, -6.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	005F66
RGB	0, 95, 102
RGB Percent	0%, 37%, 40%
CMY	1.0000, 0.6274, 0.6000
CMYK	1.00, 0.07, 0.00, 0.60
HSL	184°, 100%, 20%
HSV	184°, 100%, 40%
XYZ	6.4905, 9.1437, 13.9932
YIQ	67.3930, -58.8670, -17.9630

Conversions

Conversions Part 2

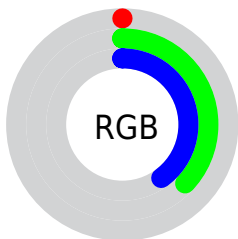
Format	Color
RYB	0, 49, 102
Decimal	24422
CIELab	36.26, -20.89, -10.83
CIELCh	36, 23.526, 207.398
Yxy	9.1441, 0.2191, 0.3086
Android (android.graphics.Color)	4278214502 (0xFF005F66)
YUV	67.3930, 17.0613, -59.1037
Hunter-Lab	30.2386, -14.6039, -6.2700

Details

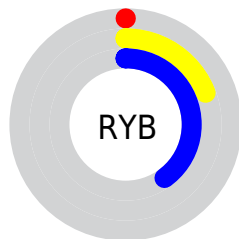
The HunterLab color **30.2386, -14.6039, -6.2700** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **17.2540, 27.2816, 11.1084**, and the grayscale version is **23.7876, -1.2692, 1.2924**.

A 20% lighter version of the original color is **49.2295, -18.3435, -6.2820**, and **15.4588, -6.8859, -4.4576** is the 20% darker color. If you saturate the color by 10%, you get **30.2388, -14.6040, -6.2700**, and if you desaturate by 10%, it is **30.5558, -14.4391, -5.8161**.

Distribution



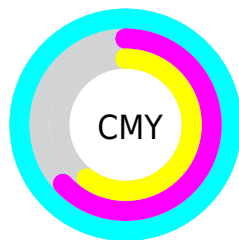
- Red (0%)
- Green (37%)
- Blue (40%)



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



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.2386, -14.6039, -6.2700 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 30.2386, -14.6039, -6.2700 by changing the saturation by 10% instead.

30.2386, -14.6039,
-6.2700

30.2386, -14.6039,
-6.2700

135.8120,
-30.0068, -4.7365

21.9892, -12.5925,
-6.1171

49.1656, -18.3070,
-6.3374

14.6661, -10.3960,
-5.8758

59.7170, -20.0603,
-6.2682

8.3249, -11.3774,
-5.7206

70.9308, -21.7718,
-6.1388

0.0000, NaN, -NF

0.0000, NaN, NaN

82.7700, -23.4528,
-5.9540

0.0000, NaN, NaN

95.2032, -25.1114,
-5.7181

0.0000, NaN, NaN

0.0000, NaN, NaN

108.2033,

-26.7536, -5.4346

0.0000, NaN, NaN

121.7466,
-28.3842, -5.1065

30.2386, -14.6039,
-6.2700

30.2386, -14.6039,
-6.2700

30.2388, -14.6040,
-6.2700

30.5558, -14.4391,
-5.8161

30.9056, -14.1473,
-5.3194

31.3253, -13.5879,
-4.7279

31.8200, -12.7465,
-4.0385

32.3927, -11.6180,
-3.2516

■ 33.0454, -10.2047,
-2.3702

■ 33.7786, -8.5155,
-1.3994

■ 34.5917, -6.5637,
-0.3455

■ 35.4836, -4.3663,
0.7842

Harmonies

Analogous

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



30.2392, -16.0556, 2.3321



30.2386, -14.6039, -6.2700



30.2392, -9.7977, -14.2766

Triad

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



30.2392, -14.6039, -6.2696



30.2392, 13.1525, -7.8062



30.2392, -0.8818, 13.2833

Complementary

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



30.2386, -14.6039, -6.2700



17.2540, 27.2816, 11.1084

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.



30.2392, 7.5422, 11.9019



30.2386, -14.6039, -6.2700



30.2392, 16.1760, 0.9435

Square

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



30.2392, -14.6039, -6.2696



30.2392, 6.1428, -15.3199



30.2392, 14.0202, 7.8708



30.2392, -8.6621, 12.3179

Rectangle

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



30.2386, -14.6039, -6.2700



30.2392, -5.0429, -17.4017



30.2392, 14.0202, 7.8708



30.2392, 1.9725, 13.0891

Sweetspot

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



30.2392, -14.6039, -6.2696



44.6440, -11.4859, -1.9696



30.8510, -26.2815, 18.1744



21.5411, -5.9117, -1.1446



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.



30.2392, -14.6039, -6.2696



39.9659, -19.2424, -8.4151



16.6617, 6.2683, -34.3550



17.7615, -2.0554, 0.4537



34.2366, -16.5107, -7.1510



77.8556, -37.2961, -16.8012

Inverse Universe

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



19.1083, 37.0446, -21.1708



25.2916, 49.0165, -27.8718



24.1481, 9.3573, 15.0430



16.9880, 1.0385, -0.3041



21.6491, 41.9658, -23.9259



49.3882, 95.6549, -53.9463

Previews

White Background



This preview shows how the HunterLab color 30.2386, -14.6039, -6.2700 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 30.2386, -14.6039, -6.2700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

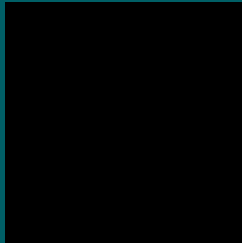
Any Text WCAG AA × Fail

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 30.2386, -14.6039, -6.2700 Background



This preview shows how black text looks on a background with the HunterLab color 30.2386, -14.6039, -6.2700.



This preview shows how white text looks on a background with the HunterLab color 30.2386,

-14.6039, -6.2700.

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

30.2386, -14.6039, -6.2700

Protanopia

30.3448, -0.3369, -2.4612

Deuteranopia

30.4062, 1.8326, -7.2918



Tritanopia

30.3355, -14.1602, -6.6351

Trichromacy



Original Color

30.2386, -14.6039, -6.2700

Protanomaly

29.6369, -8.2277, -4.9987

Deuteranomaly

29.5564, -6.6910, -8.1765

Tritanomaly

30.3142, -14.2430, -6.6673

Monochromacy



Original Color

30.2386, -14.6039, -6.2700

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 30.2386, -14.6039, -6.2700 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, 95, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 95, 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, 95, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 95, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 30.2386, -14.6039, -6.2700 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, 95, 102) }
```


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

```
.border{ border-color:rgb(0, 95, 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, 95, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 95, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 95, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 95, 102)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.2386, -14.6039, -6.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 95, 102) }
```

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

```
.background{ background-color: rgb(0, 95,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor