

Converting Colors

HunterLab(29.9916, -15.4666,
-4.0990)

Have a look what the booklet for
HunterLab(29.9916, -15.4666,
-4.0990) contains.

HunterLab(30.0790, -15.5493, -4.0298)	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(30.0790,
-15.5493, -4.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	005F61
RGB	0, 95, 97
RGB Percent	0%, 37%, 38%
CMY	1.0000, 0.6274, 0.6196
CMYK	1.00, 0.02, 0.00, 0.62
HSL	181°, 100%, 19%
HSV	181°, 100%, 38%
XYZ	6.2499, 9.0475, 12.7262
YIQ	66.8230, -57.2620, -19.5180

Conversions

Conversions Part 2

Format	Color
RYB	0, 48, 97
Decimal	24417
CIELab	36.08, -22.65, -8.00
CIELCh	36, 24.022, 199.452
Yxy	9.0478, 0.2230, 0.3229
Android (android.graphics.Color)	4278214497 (0xFF005F61)
YUV	66.8230, 14.8773, -58.6038
Hunter-Lab	30.0790, -15.5493, -4.0298

Details

The HunterLab color **30.0790, -15.5493, -4.0298** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.0780, 26.8376, 10.3762**, and the grayscale version is **23.5944, -1.2589, 1.2819**.

A 20% lighter version of the original color is **49.0260, -19.4479, -4.0134**, and **15.3392, -7.5906, -2.7868** is the 20% darker color. If you saturate the color by 10%, you get **30.0794, -15.5496, -4.0296**, and if you desaturate by 10%, it is **30.2431, -15.2130, -3.8022**.

Distribution



- Red (0%)
- Green (37%)
- Blue (38%)



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



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0790, -15.5493, -4.0298 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 30.0790, -15.5493, -4.0298 by changing the saturation by 10% instead.

30.0790, -15.5493,
-4.0298

30.0790, -15.5493,
-4.0298

135.5485,
-31.8258, -1.4781

21.8458, -13.3916,
-4.0099

48.9779, -19.4984,
-3.8419

14.5407, -11.0236,
-3.8998

59.5167, -21.3589,
-3.6519

8.2016, -12.4725,
-3.8747

70.7186, -23.1700,
-3.4060

0.0000, NaN, -NF

0.0000, NaN, NaN

82.5467, -24.9442,
-3.1090

0.0000, NaN, NaN

94.9692, -26.6908,
-2.7647

0.0000, NaN, NaN

0.0000, NaN, NaN

107.9591,

-28.4166, -2.3764

0.0000, NaN, NaN

121.4926,
-30.1268, -1.9467

30.0790, -15.5493,
-4.0298

30.0790, -15.5493,
-4.0298

30.0794, -15.5496,
-4.0296

30.2431, -15.2130,
-3.8022

30.4345, -14.7694,
-3.5371

30.6904, -14.0768,
-3.1835

31.0164, -13.1194,
-2.7362

31.4163, -11.8897,
-2.1931

■ 31.8925, -10.3874,
-1.5546

■ 32.4466, -8.6186,
-0.8232

■ 33.0788, -6.5944,
-0.0032

■ 33.7888, -4.3298,
0.8998

Harmonies

Analogous

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



30.0796, -16.0790, 4.3530



30.0790, -15.5493, -4.0298



30.0796, -11.5340, -12.7770

Triad

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



30.0796, -15.5493, -4.0294



30.0796, 11.8833, -10.3595



30.0796, 1.4519, 13.2831

Complementary

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



30.0790, -15.5493, -4.0298



16.0780, 26.8376, 10.3762

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.



30.0796, 9.8029, 11.2361



30.0790, -15.5493, -4.0298



30.0796, 16.2552, -1.3579

Square

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



30.0796, -15.5493, -4.0294



30.0796, 4.0466, -17.0786



30.0796, 15.4542, 6.3791



30.0796, -6.8708, 12.9380

Rectangle

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



30.0790, -15.5493, -4.0298



30.0796, -7.1441, -16.9189



30.0796, 15.4542, 6.3791



30.0796, 4.3629, 12.8809

Sweetspot

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



30.0796, -15.5493, -4.0294



42.4121, -11.5014, -1.1669



29.2457, -25.0343, 17.4882



21.0248, -6.0792, -0.7245



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.



30.0796, -15.5493, -4.0294



39.3581, -20.3307, -5.3061



16.9917, 3.5638, -28.9298



16.9899, -2.0380, 0.5043



35.0740, -18.1233, -4.7165



80.9644, -41.7652, -11.0395

Inverse Universe

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



18.3517, 35.9276, -23.0417



24.0222, 47.0266, -30.1194



21.9841, 10.8592, 13.7360



16.2103, 1.0001, -0.3605



21.4038, 41.9028, -26.8522



49.4541, 96.7919, -61.8432

Previews

White Background



This preview shows how the HunterLab color 30.0790, -15.5493, -4.0298 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 30.0790, -15.5493, -4.0298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

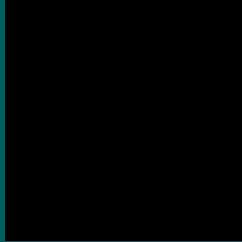
Any Text WCAG AA × Fail

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 30.0790, -15.5493, -4.0298 Background



This preview shows how black text looks on a background with the HunterLab color 30.0790, -15.5493, -4.0298.



This preview shows how white text looks on a background with the HunterLab color 30.0790,

-15.5493, -4.0298.

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

30.0790, -15.5493, -4.0298

Protanopia

30.0169, -0.4243, -0.6172

Deuteranopia

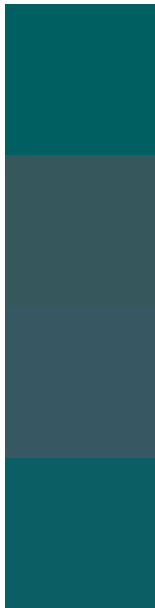
30.1414, 1.9208, -5.1094



Tritanopia

30.1103, -13.5787, -6.4362

Trichromacy



Original Color

30.0790, -15.5493, -4.0298

Protanomaly

29.2473, -8.5412, -3.1210

Deuteranomaly

29.2053, -6.8841, -6.0886

Tritanomaly

29.9834, -14.2024, -5.6141

Monochromacy



Original Color

30.0790, -15.5493, -4.0298

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

25.2416, -8.6358, -1.5276

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0790, -15.5493, -4.0298 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 95, 97)  
}
```

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, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 95, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0790, -15.5493, -4.0298 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, 97) }
```


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

```
.border{ border-color:rgb(0, 95, 97) }
```

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, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 95, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 95, 97); box-shadow:4px  
4px 4px 4px rgb(0, 95, 97) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.0790, -15.5493, -4.0298 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, 97) }
```

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

```
.background{ background-color: rgb(0, 95,  
97) }
```

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