

Converting Colors

HunterLab(30.1112, -15.4226,
-3.9839)

Have a look what the booklet for
HunterLab(30.1112, -15.4226,
-3.9839) contains.

HunterLab(30.1112, -15.4226, -3.9839)	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(30.1112,
-15.4226, -3.9839)**

Conversions

Conversions Part 1

Format	Color
Hex	035F61
RGB	3, 95, 97
RGB Percent	1%, 37%, 38%
CMY	0.9882, 0.6274, 0.6196
CMYK	0.97, 0.02, 0.00, 0.62
HSL	181°, 94%, 20%
HSV	181°, 97%, 38%
XYZ	6.2874, 9.0668, 12.7279
YIQ	67.7200, -55.4740, -18.8820

Conversions

Conversions Part 2

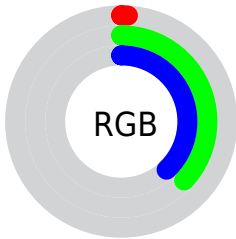
Format	Color
R_{YB}	3, 49, 97
Decimal	221025
CIE _{Lab}	36.11, -22.41, -7.94
CIE _{LCh}	36, 23.773, 199.512
Yxy	9.0672, 0.2239, 0.3229
Android (android.graphics.Color)	4278411105 (0xFF035F61)
YUV	67.7200, 14.4350, -56.7594
Hunter-Lab	30.1112, -15.4226, -3.9839

Details

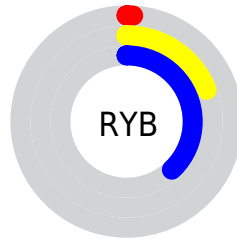
The HunterLab color **30.1112, -15.4226, -3.9839** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.2994, 26.2397, 10.1888**, and the grayscale version is **23.9104, -1.2758, 1.2991**.

A 20% lighter version of the original color is **49.0649, -19.2995, -3.9601**, and **15.3392, -7.5906, -2.7868** is the 20% darker color. If you saturate the color by 10%, you get **30.0603, -15.5267, -4.0551**, and if you desaturate by 10%, it is **30.2793, -15.0810, -3.7511**.

Distribution



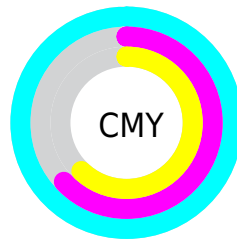
- Red (1%)
- Green (37%)
- Blue (38%)



- Red (1%)
- Yellow (19%)
- Blue (38%)



- Cyan (97%)
- Magenta (2%)
- Yellow (0%)
- Black (62%)



- Cyan (99%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1112, -15.4226, -3.9839 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 30.1112, -15.4226, -3.9839 by changing the saturation by 10% instead.

■ 30.1112, -15.4226,
-3.9839

■ 30.1112, -15.4226,
-3.9839

■ 135.6017,
-31.5776, -1.4082

■ 21.8747, -13.2854,
-3.9673

■ 49.0158, -19.3374,
-3.7898

■ 14.5660, -10.9416,
-3.8607

■ 59.5571, -21.1829,
-3.5970

■ 8.2267, -12.3083,
-3.8307

■ 70.7614, -22.9802,
-3.3483

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 82.5917, -24.7415,
-3.0487

0.0000, NaN, NaN

■ 95.0165, -26.4759,
-2.7019

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.0084,

-28.1900, -2.3111

0.0000, NaN, NaN

121.5438,
-29.8893, -1.8791

30.1112, -15.4226,
-3.9839

30.1112, -15.4226,
-3.9839

30.0603, -15.5267,
-4.0551

30.2793, -15.0810,
-3.7511

30.4919, -14.5647,
-3.4566

30.7710, -13.7935,
-3.0717

31.1215, -12.7544,
-2.5921

31.5467, -11.4422,
-2.0167

■ 32.0489, -9.8589,
-1.3465

■ 32.6290, -8.0121,
-0.5847

■ 33.2872, -5.9142,
0.2640

■ 34.0228, -3.5814,
1.1936

Harmonies

Analogous

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



30.1118, -15.9554, 4.3146



30.1112, -15.4226, -3.9839



30.1118, -11.4328, -12.6159

Triad

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



30.1118, -15.4226, -3.9835



30.1118, 11.7475, -10.1990



30.1118, 1.4015, 13.2062

Complementary

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



30.1112, -15.4226, -3.9839



16.2994, 26.2397, 10.1888

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.



30.1118, 9.6636, 11.1711



30.1112, -15.4226, -3.9839



30.1118, 16.0583, -1.3070

Square

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



30.1118, -15.4226, -3.9835



30.1118, 4.0031, -16.8333



30.1118, 15.2563, 6.3507



30.1118, -6.8367, 12.8573

Rectangle

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



30.1112, -15.4226, -3.9839



30.1118, -7.0778, -16.6932



30.1118, 15.2563, 6.3507



30.1118, 4.2818, 12.8065

Sweetspot

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



30.1118, -15.4226, -3.9835



42.4846, -11.2366, -1.0713



29.2898, -24.8235, 17.3477



21.0556, -5.9627, -0.6836



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.



30.1118, -15.4226, -3.9835



39.3324, -20.2999, -5.3405



17.4138, 3.0481, -27.7223



16.9891, -2.0367, 0.5034



35.0514, -18.0961, -4.7468



80.9088, -41.6985, -11.1139

Inverse Universe

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



18.5283, 35.2836, -22.6108



24.0179, 47.0119, -30.0643



22.2843, 10.3069, 13.6820



16.2103, 0.9997, -0.3593



21.4000, 41.8898, -26.8036



49.4449, 96.7600, -61.7241

Previews

White Background



This preview shows how the HunterLab color 30.1112, -15.4226, -3.9839 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 30.1112, -15.4226, -3.9839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

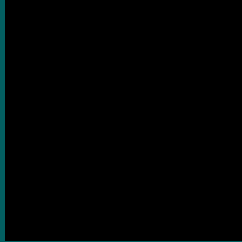
Any Text WCAG AA × Fail

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 30.1112, -15.4226, -3.9839 Background



This preview shows how black text looks on a background with the HunterLab color 30.1112, -15.4226, -3.9839.



This preview shows how white text looks on a background with the HunterLab color 30.1112,

-15.4226, -3.9839.

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

30.1112, -15.4226, -3.9839

Protanopia

30.0169, -0.4243, -0.6172

Deuteranopia

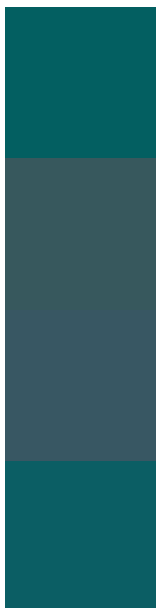
30.1414, 1.9208, -5.1094



Tritanopia

30.1103, -13.5787, -6.4362

Trichromacy



Original Color

30.1112, -15.4226, -3.9839

Protanomaly

29.2950, -8.3638, -3.0543

Deuteranomaly

29.2541, -6.7057, -6.0154

Tritanomaly

29.9944, -14.1594, -5.5977

Monochromacy



Original Color

30.1112, -15.4226, -3.9839

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.5906, -8.6910, -1.5216

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1112, -15.4226, -3.9839 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(3, 95, 97)` looks like.

```
.text, #text, p{  
    color:rgb(3, 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(3, 95, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 95, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1112, -15.4226, -3.9839 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(3, 95, 97) }
```


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

```
.border{ border-color:rgb(3, 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(3, 95, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 95, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 95, 97); box-shadow:4px  
4px 4px 4px rgb(3, 95, 97) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.1112, -15.4226, -3.9839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 95, 97) }
```

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

```
.background{ background-color: rgb(3, 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