

Converting Colors

HunterLab(38.0095, -15.6359,
-12.5813)

Have a look what the booklet for
HunterLab(38.0095, -15.6359,
-12.5813) contains.

HunterLab(38.1445, -15.8106, -12.4007)	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(38.1445,
-15.8106, -12.4007)**

Conversions

Conversions Part 1

Format	Color
Hex	0C7587
RGB	12, 117, 135
RGB Percent	5%, 46%, 53%
CMY	0.9529, 0.5412, 0.4706
CMYK	0.91, 0.13, 0.00, 0.47
HSL	189°, 84%, 29%
HSV	189°, 91%, 53%
XYZ	10.8861, 14.5500, 25.1564
YIQ	87.6570, -68.3580, -16.6620

Conversions

Conversions Part 2

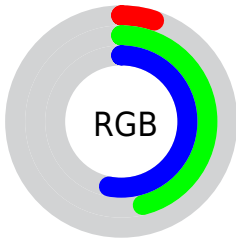
Format	Color
RYB	12, 69, 135
Decimal	816519
CIELab	45.01, -20.16, -17.53
CIElCh	45, 26.718, 221.005
Yxy	14.5506, 0.2152, 0.2876
Android (android.graphics.Color)	4279006599 (0xFF0C7587)
YUV	87.6570, 23.3401, -66.3512
Hunter-Lab	38.1445, -15.8106, -12.4007

Details

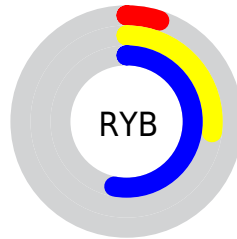
The HunterLab color **38.1445, -15.8106, -12.4007** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24.7121, 32.7629, 14.9653**, and the grayscale version is **31.0502, -1.6568, 1.6870**.

A 20% lighter version of the original color is **58.2564, -19.1847, -12.8596**, and **21.8863, -8.0692, -9.9370** is the 20% darker color. If you saturate the color by 10%, you get **37.5050, -15.5095, -13.3974**, and if you desaturate by 10%, it is **38.9241, -15.9251, -11.2091**.

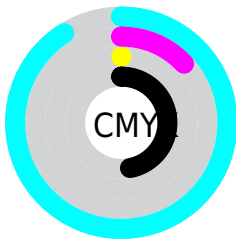
Distribution



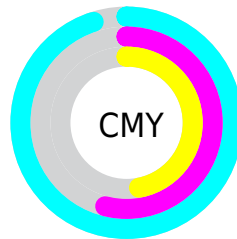
- Red (5%)
- Green (46%)
- Blue (53%)



- Red (5%)
- Yellow (27%)
- Blue (53%)



- Cyan (91%)
- Magenta (13%)
- Yellow (0%)
- Black (47%)



- Cyan (95%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1445, -15.8106, -12.4007 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 38.1445, -15.8106, -12.4007 by changing the saturation by 10% instead.

■ 38.1445, -15.8106,
-12.4007

■ 38.1445, -15.8106,
-12.4007

148.5360,
-30.6336, -12.6162

■ 29.1626, -13.9584,
-12.0622

■ 58.3633, -19.2982,
-12.8639

■ 21.0225, -11.9878,
-11.6582

■ 69.4966, -20.9736,
-12.9954

■ 13.8234, -9.8305,
-11.2166

■ 81.2596, -22.6197,
-13.0652

■ 7.4492, -12.1923,
-11.6152

■ 93.6203, -24.2447,
-13.0774

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.5510,
-25.8544, -13.0356

0.0000, NaN, NaN

■ 120.0277,

0.0000, NaN, NaN

-27.4536, -12.9429

0.0000, NaN, NaN

134.0290,
-29.0457, -12.8022

■ 38.1445, -15.8106,
-12.4007

■ 38.1445, -15.8106,
-12.4007

■ 37.5050, -15.5095,
-13.3974

■ 38.9241, -15.9251,
-11.2091

■ 39.8049, -15.6568,
-9.8891

■ 40.7939, -14.9859,
-8.4401

■ 41.8942, -13.9088,
-6.8683

■ 43.1065, -12.4334,
-5.1832

■ 44.4297, -10.5762,
-3.3963

■ 45.8615, -8.3599,
-1.5204

■ 47.3984, -5.8108,
0.4322

■ 49.0364, -2.9573,
2.4492

Harmonies

Analogous

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



38.1452, -19.5324, -1.6818



38.1445, -15.8106, -12.4007



38.1452, -8.2476, -20.2669

Triad

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



38.1452, -15.8105, -12.4001



38.1452, 18.4618, -4.5498



38.1452, -5.7299, 16.2843

Complementary

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



38.1445, -15.8106, -12.4007



24.7121, 32.7629, 14.9653

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.



38.1452, 4.5974, 15.8982



38.1445, -15.8106, -12.4007



38.1452, 19.3194, 5.4872

Square

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



38.1452, -15.8105, -12.4001



38.1452, 11.7860, -14.9709



38.1452, 14.0182, 12.4497



38.1452, -14.1354, 13.6956

Rectangle

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



38.1445, -15.8106, -12.4007



38.1452, -1.6910, -21.8514



38.1452, 14.0182, 12.4497



38.1452, -2.3825, 16.4759

Sweetspot

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



38.1452, -15.8105, -12.4001



60.1092, -13.1696, -3.6804



41.8238, -34.6502, 23.5705



28.6633, -6.7355, -2.1196



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.1452, -15.8105, -12.4001



50.0089, -20.5198, -18.2104



21.8284, 10.8132, -48.6205



22.7285, -2.5088, 0.3945



36.0355, -14.9202, -12.8329



2.2988, -1.1033, -0.4915

Inverse Universe

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



25.8818, 46.6709, -21.7891



33.8123, 64.4358, -28.7805



35.3187, 7.4648, 21.3091



21.7978, 1.4012, -0.2832



24.2855, 46.3169, -20.9521



1.4569, 2.8224, -1.5967

Previews

White Background



This preview shows how the HunterLab color 38.1445, -15.8106, -12.4007 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 × Fail

Black Background



This preview shows how the HunterLab color 38.1445, -15.8106, -12.4007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

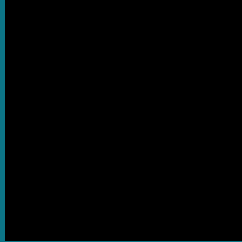
Any Text WCAG AA × Fail

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 38.1445, -15.8106, -12.4007 Background



This preview shows how black text looks on a background with the HunterLab color 38.1445, -15.8106, -12.4007.



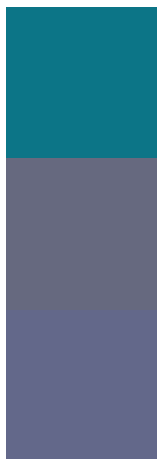
This preview shows how white text looks on a background with the HunterLab color 38.1445, -15.8106, -12.4007.

-15.8106, -12.4007.

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

38.1445, -15.8106, -12.4007

Protanopia

38.0266, 0.8690, -7.8590

Deuteranopia

37.9319, 2.7163, -14.1626



Tritanopia

38.0646, -18.2693, -8.1394

Trichromacy



Original Color

38.1445, -15.8106, -12.4007

Protanomaly

37.1674, -7.6418, -10.9208

Deuteranomaly

37.3319, -6.5253, -14.6979

Tritanomaly

38.2026, -17.5238, -9.5431

Monochromacy



Original Color

38.1445, -15.8106, -12.4007

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

33.0216, -9.8129, -3.8201

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1445, -15.8106, -12.4007 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(12, 117, 135)` looks like.

```
.text, #text, p{  
    color:rgb(12, 117, 135)  
}
```

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(12, 117, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 117, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1445, -15.8106, -12.4007 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(12, 117, 135) }
```


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

```
.border{ border-color:rgb(12, 117, 135) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(12, 117, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 117, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 117, 135);  
box-shadow:4px 4px 4px 4px rgb(12, 117,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1445, -15.8106, -12.4007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 117, 135) }
```

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

```
.background{ background-color: rgb(12, 117,  
135) }
```

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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