

Converting Colors

HunterLab(11.9451, -3.8996,
-0.8735)

Have a look what the booklet for
HunterLab(11.9451, -3.8996,
-0.8735) contains.

HunterLab(12.0358, -3.9979, -0.8756)	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(12.0358, -3.9979,
-0.8756)**

Conversions

Conversions Part 1

Format	Color
Hex	112324
RGB	17, 35, 36
RGB Percent	7%, 14%, 14%
CMY	0.9333, 0.8627, 0.8588
CMYK	0.53, 0.03, 0.00, 0.86
HSL	183°, 36%, 10%
HSV	183°, 53%, 14%
XYZ	1.1506, 1.4486, 1.8880
YIQ	29.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

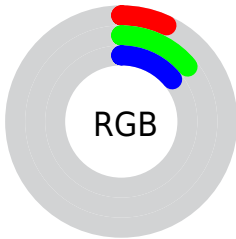
Format	Color
RYB	17, 26, 36
Decimal	1123108
CIELab	12.28, -7.08, -3.01
CIElCh	12, 7.693, 203.046
Yxy	1.4487, 0.2564, 0.3228
Android (android.graphics.Color)	4279313188 (0xFF112324)
YUV	29.7320, 3.0901, -11.1660
Hunter-Lab	12.0358, -3.9979, -0.8756

Details

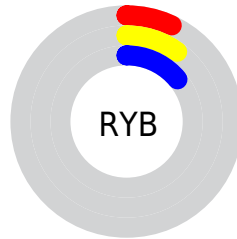
The HunterLab color **12.0358, -3.9979, -0.8756** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.2096, 4.1384, 2.3331**, and the grayscale version is **11.3045, -0.6032, 0.6142**.

A 20% lighter version of the original color is **26.7054, -5.9123, -0.4973**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.8618, -4.4173, -1.1110**, and if you desaturate by 10%, it is **12.2301, -3.5099, -0.6168**.

Distribution



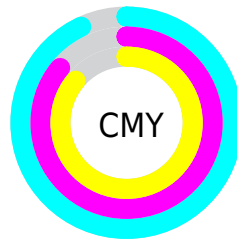
- Red (7%)
- Green (14%)
- Blue (14%)



- Red (7%)
- Yellow (10%)
- Blue (14%)



- Cyan (53%)
- Magenta (3%)
- Yellow (0%)
- Black (86%)



- Cyan (93%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0358, -3.9979, -0.8756 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 12.0358, -3.9979, -0.8756 by changing the saturation by 10% instead.

■ 12.0358, -3.9979,
-0.8756

■ 12.0358, -3.9979,
-0.8756

■ 102.9600,
-12.6749, 2.6160

■ 5.0217, -6.4106,
-2.2125

■ 26.8495, -5.9264,
-0.4887

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.6097, -6.8669,
-0.1912

0.0000, NaN, NaN

■ 45.1578, -7.8084,
0.1631

0.0000, NaN, NaN

■ 55.4334, -8.7568,
0.5680

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3882, -9.7157,
1.0191

0.0000, NaN, NaN

■ 77.9824, -10.6875,

0.0000, NaN, NaN

1.5126

■ 90.1826, -11.6735,
2.0458

■ 12.0358, -3.9979,
-0.8756

■ 12.0358, -3.9979,
-0.8756

■ 11.8618, -4.4173,
-1.1110

■ 12.2301, -3.5099,
-0.6168

■ 11.7071, -4.7662,
-1.3226

■ 12.4441, -2.9550,
-0.3361

■ 11.5600, -5.0894,
-1.5265

■ 12.6778, -2.3364,
-0.0347

■ 11.4113, -5.4222,
-1.7355

■ 12.9310, -1.6576,
0.2861

■ 11.3028, -5.6689,
-1.8899

■ 13.2034, -0.9223,
0.6247

■ 13.4945, -0.1346,
0.9796

■ 13.8039, 0.7012,
1.3492

■ 14.1309, 1.5810,
1.7319

■ 14.4749, 2.5007,
2.1265

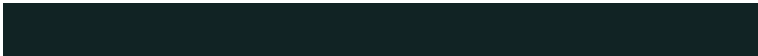
Harmonies

Analogous

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



12.0360, -4.2453, 1.0920



12.0358, -3.9979, -0.8756



12.0360, -2.8801, -2.6701

Triad

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



12.0360, -3.9980, -0.8754



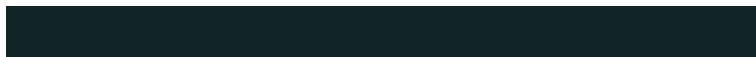
12.0360, 2.6053, -1.7723



12.0360, -0.1712, 3.7646

Complementary

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



12.0358, -3.9979, -0.8756



9.2096, 4.1384, 2.3331

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.



12.0360, 1.7708, 3.2393



12.0358, -3.9979, -0.8756



12.0360, 3.4405, 0.2013

Square

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



12.0360, -3.9980, -0.8754



12.0360, 0.9084, -3.2444



12.0360, 3.1255, 2.0079



12.0360, -2.1193, 3.5720

Rectangle

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



12.0358, -3.9979, -0.8756



12.0360, -1.7497, -3.4206



12.0360, 3.1255, 2.0079



12.0360, 0.5055, 3.6690

Sweetspot

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



12.0360, -3.9980, -0.8754



15.9229, -2.4261, 0.1831



11.9351, -6.3665, 4.4105



8.9318, -1.3285, 0.1170



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



12.0360, -3.9980, -0.8754



14.6465, -5.6822, -1.4959



9.8264, -0.6815, -4.0277



7.6070, -0.7553, 0.2638



24.4008, -12.0996, -4.3794



67.1135, -33.0362, -12.5705

Inverse Universe

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



9.4729, 6.6263, -3.9996



10.7870, 10.6465, -6.4700



11.0464, 0.5621, 3.9700



7.3658, 0.1988, 0.0196



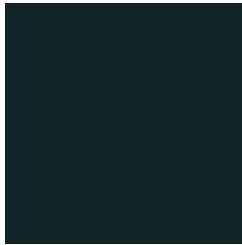
15.2188, 29.6120, -17.6793



42.0140, 81.6653, -48.1615

Previews

White Background



This preview shows how the HunterLab color 12.0358, -3.9979, -0.8756 looks on a white background.

Color Contrast Check

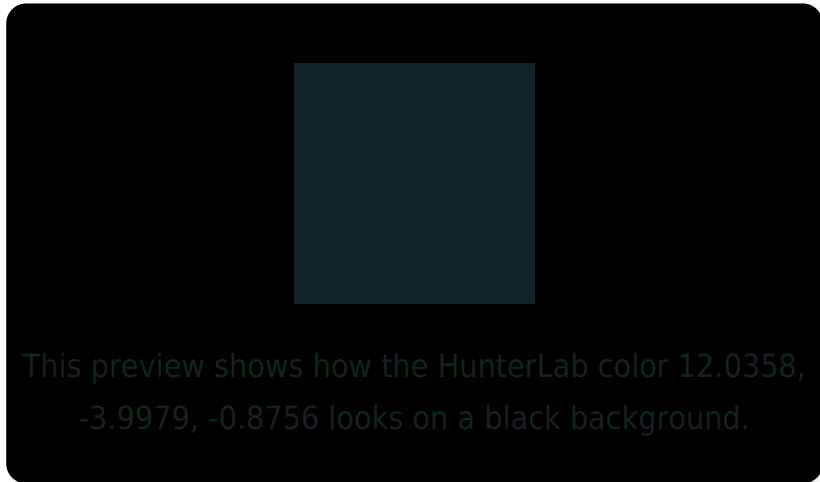
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

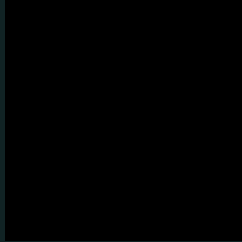
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

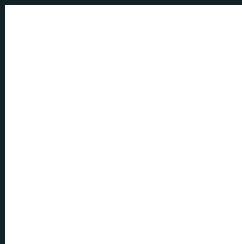
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 12.0358, -3.9979, -0.8756 Background



This preview shows how black text looks on a background with the HunterLab color 12.0358, -3.9979, -0.8756.



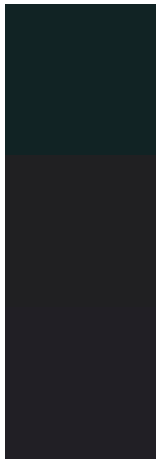
This preview shows how white text looks on a background with the HunterLab color 12.0358, -3.9979, -0.8756.

-0.8756.

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

12.0358, -3.9979, -0.8756

Protanopia

12.0648, -0.3868, -0.0097

Deuteranopia

11.9870, 0.6315, -1.2598



Tritanopia

12.1268, -3.5537, -1.5551

Trichromacy



Original Color

12.0358, -3.9979, -0.8756

Protanomaly

12.0086, -1.7031, -0.4810

Deuteranomaly

11.8305, -1.0521, -1.5002

Tritanomaly

12.1006, -3.7042, -1.1844

Monochromacy



Original Color

12.0358, -3.9979, -0.8756

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.5930, -2.1479, 0.1173

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0358, -3.9979, -0.8756 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(17, 35, 36)` looks like.

```
.text, #text, p{  
    color:rgb(17, 35, 36)  
}
```

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(17, 35, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 35, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0358, -3.9979, -0.8756 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(17, 35, 36) }
```


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

```
.border{ border-color:rgb(17, 35, 36) }
```

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

Here you see how a box with a 4 pixel rgb(17, 35, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 35, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 35, 36);  
box-shadow:4px 4px 4px 4px rgb(17, 35, 36)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.0358, -3.9979, -0.8756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 35, 36) }
```

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

```
.background{ background-color: rgb(17, 35,  
36) }
```

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