

Converting Colors

HunterLab(12.0724, 16.8995,
-11.9095)

Have a look what the booklet for
HunterLab(12.0724, 16.8995,
-11.9095) contains.

HunterLab(12.0963, 17.1248, -11.8673)	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(12.0963, 17.1248,
-11.8673)**

Conversions

Conversions Part 1

Format	Color
Hex	390D3A
RGB	57, 13, 58
RGB Percent	22%, 5%, 23%
CMY	0.7765, 0.9490, 0.7725
CMYK	0.02, 0.78, 0.00, 0.77
HSL	299°, 63%, 14%
HSV	299°, 78%, 23%
XYZ	2.5950, 1.4632, 4.1487
YIQ	31.2860, 11.7790, 23.3230

Conversions

Conversions Part 2

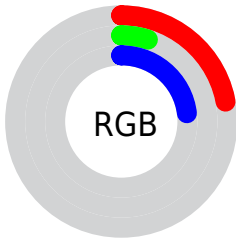
Format	Color
RYB	57, 13, 58
Decimal	3738938
CIELab	12.37, 28.26, -18.38
CIElCh	12, 33.715, 326.961
Yxy	1.4633, 0.3162, 0.1783
Android (android.graphics.Color)	4281929018 (0xFF390D3A)
YUV	31.2860, 13.1700, 22.5512
Hunter-Lab	12.0963, 17.1248, -11.8673

Details

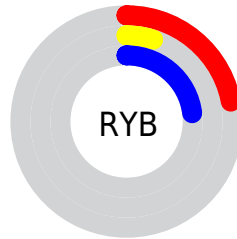
The HunterLab color **12.0963, 17.1248, -11.8673** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **17.7443, -13.2785, 9.4289**, and the grayscale version is **11.7529, -0.6271, 0.6386**.

A 20% lighter version of the original color is **26.8552, 19.8540, -12.6103**, and **1.7047, 4.6239, -12.1123** is the 20% darker color. If you saturate the color by 10%, you get **11.5236, 18.8985, -13.1644**, and if you desaturate by 10%, it is **12.7994, 15.0880, -10.3920**.

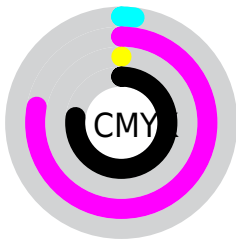
Distribution



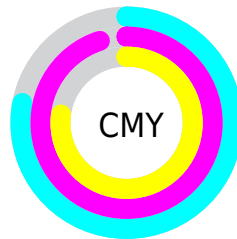
- Red (22%)
- Green (5%)
- Blue (23%)



- Red (22%)
- Yellow (5%)
- Blue (23%)



- Cyan (2%)
- Magenta (78%)
- Yellow (0%)
- Black (77%)



- Cyan (78%)
- Magenta (95%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0963, 17.1248, -11.8673 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 12.0963, 17.1248, -11.8673 by changing the saturation by 10% instead.

12.0963, 17.1248,
-11.8673

12.0963, 17.1248,
-11.8673

103.0837, 25.1969,
-14.0378

5.1251, 23.8898,
-16.1632

26.9285, 19.7727,
-12.7480

0.0000, NaN, -NF

0.0000, NaN, NaN

35.6966, 20.8808,
-13.1302

0.0000, NaN, NaN

45.2519, 21.8571,
-13.4439

0.0000, NaN, NaN

0.0000, NaN, NaN

55.5341, 22.7158,
-13.6884

0.0000, NaN, NaN

66.4951, 23.4694,
-13.8663

0.0000, NaN, NaN

78.0952, 24.1285,

0.0000, NaN, NaN

-13.9813

90.3010, 24.7018,
-14.0373

12.0963, 17.1248,
-11.8673

12.0963, 17.1248,
-11.8673

11.5236, 18.8985,
-13.1644

12.7994, 15.0880,
-10.3920

10.9464, 20.8222,
-14.5722

13.6431, 12.8243,
-8.7650

10.8023, 21.3272,
-14.9416

14.6144, 10.4285,
-7.0522

15.6992, 7.9744,
-5.3047

16.8835, 5.5134,
-3.5574

■ 18.1550, 3.0774,
-1.8320

■ 19.5028, 0.6838,
-0.1400

■ 20.9176, -1.6592,
1.5138

■ 22.3914, -3.9500,
3.1287

Harmonies

Analogous

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



12.0966, 8.0513, -24.3838



12.0963, 17.1248, -11.8673



12.0966, 21.3976, -0.2292

Triad

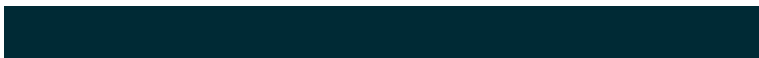
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.0966, 17.1243, -11.8668



12.0966, 0.2670, 8.4676



12.0966, -12.7830, -9.1877

Complementary

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



12.0963, 17.1248, -11.8673



17.7443, -13.2785, 9.4289

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.



12.0966, -14.0859, 1.4835



12.0963, 17.1248, -11.8673



12.0966, -7.4198, 8.4676

Square

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



12.0966, 17.1243, -11.8668



12.0966, 10.0685, 8.4676



12.0966, -12.1391, 7.4565



12.0966, -8.5789, -22.2032

Rectangle

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



12.0963, 17.1248, -11.8673



12.0966, 20.2463, 4.5280



12.0966, -12.1391, 7.4565



12.0966, -13.5747, -5.0622

Sweetspot

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



12.0966, 17.1243, -11.8668



22.7770, 6.1442, -3.8939



8.4784, 8.1874, -22.6259



11.6735, 3.3962, -2.1686



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



12.0966, 17.1243, -11.8668



14.6206, 26.6115, -18.6235



11.4936, 14.4077, -1.6947



10.1812, 0.4454, -0.1346



17.1198, 33.8111, -23.7665



44.1484, 87.2257, -61.5503

Inverse Universe

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



11.0416, 12.4950, 4.7912



12.9943, 20.0709, 7.4496



17.9645, -11.8849, 5.8665



10.1237, 0.1263, 0.7517



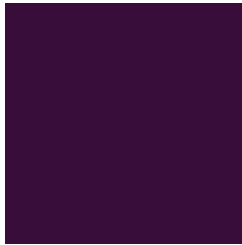
15.0648, 25.8287, 9.5045



38.8810, 66.6124, 24.9111

Previews

White Background



This preview shows how the HunterLab color 12.0963, 17.1248, -11.8673 looks on a white background.

Color Contrast Check

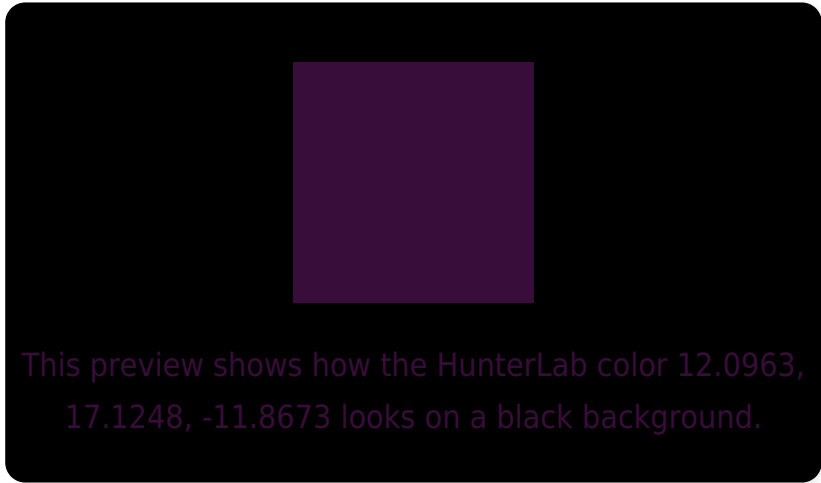
Large Text (above 18pt) WCAG AA ✓ Pass

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

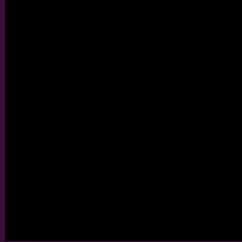
Any Text WCAG AA × Fail

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 12.0963, 17.1248, -11.8673 Background



This preview shows how black text looks on a background with the HunterLab color 12.0963, 17.1248, -11.8673.



This preview shows how white text looks on a background with the HunterLab color 12.0963, 17.1248, -11.8673.

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

12.0963, 17.1248, -11.8673

Protanopia

12.3690, 2.1566, -20.1155

Deuteranopia

12.6114, 0.4701, -9.2133



Tritanopia

12.3745, 7.3914, 2.7863

Trichromacy



Original Color

12.0963, 17.1248, -11.8673

Protanomaly

11.3647, 6.2164, -19.7782

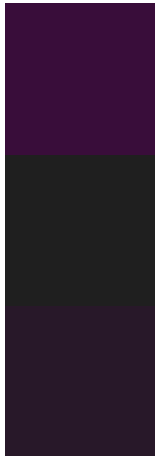
Deuteranomaly

11.7543, 6.4053, -11.5168

Tritanomaly

12.0853, 10.4488, -1.3664

Monochromacy



Original Color

12.0963, 17.1248, -11.8673

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.2449, 5.7504, -4.0313

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0963, 17.1248, -11.8673 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(57, 13, 58)` looks like.

```
.text, #text, p{  
    color:rgb(57, 13, 58)  
}
```

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(57, 13, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 13, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0963, 17.1248, -11.8673 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(57, 13, 58) }
```


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

```
.border{ border-color:rgb(57, 13, 58) }
```

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

Here you see how a box with a 4 pixel rgb(57, 13, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 13, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 13, 58);  
box-shadow:4px 4px 4px 4px rgb(57, 13, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.0963, 17.1248, -11.8673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 13, 58) }
```

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

```
.background{ background-color: rgb(57, 13,  
58) }
```

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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