

Converting Colors

HunterLab(10.0587, 11.9311,
-38.3277)

Have a look what the booklet for
HunterLab(10.0587, 11.9311,
-38.3277) contains.

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Color

**HunterLab(10.0588, 11.9306,
-38.3274)**

Conversions

Conversions Part 1

Format	Color
Hex	001250
RGB	0, 18, 80
RGB Percent	0%, 7%, 31%
CMY	1.0000, 0.9294, 0.6863
CMYK	1.00, 0.78, 0.00, 0.69
HSL	227°, 100%, 16%
HSV	227°, 100%, 31%
XYZ	1.6643, 1.0118, 7.6970
YIQ	19.6860, -30.6300, 15.4660

Conversions

Conversions Part 2

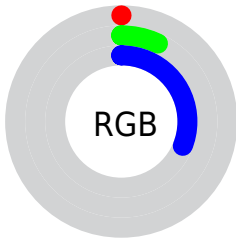
Format	Color
RYB	0, 15, 80
Decimal	4688
CIELab	9.09, 21.69, -39.44
CIELCh	9, 45.011, 298.815
Yxy	1.0118, 0.1604, 0.0975
Android (android.graphics.Color)	4278194768 (0xFF001250)
YUV	19.6860, 29.7348, -17.2646
Hunter-Lab	10.0588, 11.9306, -38.3274

Details

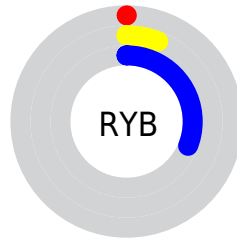
The HunterLab color **10.0588, 11.9306, -38.3274** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **22.6969, -0.1509, 13.9826**, and the grayscale version is **8.1934, -0.4372, 0.4452**.

A 20% lighter version of the original color is **24.2903, 14.0397, -36.3361**, and **3.9863, 6.9248, -19.9312** is the 20% darker color. If you saturate the color by 10%, you get **10.0579, 11.9332, -38.3320**, and if you desaturate by 10%, it is **11.3683, 9.6080, -32.4085**.

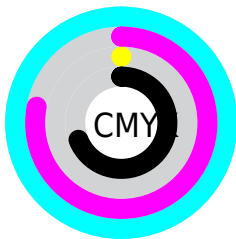
Distribution



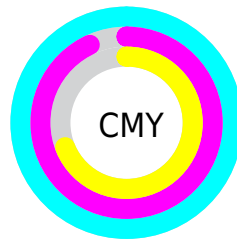
- Red (0%)
- Green (7%)
- Blue (31%)



- Red (0%)
- Yellow (6%)
- Blue (31%)



- Cyan (100%)
- Magenta (78%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (93%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.0588, 11.9306, -38.3274 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 10.0588, 11.9306, -38.3274 by changing the saturation by 10% instead.

10.0588, 11.9306,
-38.3274

10.0588, 11.9306,
-38.3274

98.8249, 17.6949,
-40.7219

0.0000, INF, -NF

0.0000, NaN, -NF

24.2340, 14.0683,
-36.6124

0.0000, NaN, -NF

32.7277, 14.9037,
-36.9770

0.0000, NaN, NaN

42.0319, 15.6099,
-37.5504

0.0000, NaN, NaN

0.0000, NaN, NaN

52.0812, 16.2039,
-38.2019

0.0000, NaN, NaN

62.8241, 16.6996,
-38.8694

0.0000, NaN, NaN

0.0000, NaN, NaN

74.2184, 17.1077,

-39.5217

■ 86.2286, 17.4371,
-40.1421

■ 10.0588, 11.9306,
-38.3274

■ 10.0588, 11.9306,
-38.3274

■ 10.0579, 11.9332,
-38.3320

■ 11.3683, 9.6080,
-32.4085

■ 12.7997, 7.3914,
-27.1386

■ 14.3940, 5.4907,
-22.2957

■ 16.1236, 3.8943,
-17.9045

■ 17.9644, 2.5610,
-13.9338

■ 19.8981, 1.4467,
-10.3275

■ 21.9107, 0.5122,
-7.0266

■ 23.9913, -0.2755,
-3.9773

■ 26.1316, -0.9431,
-1.1340

Harmonies

Analogous

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



10.0589, -0.9742, -48.1139



10.0588, 11.9306, -38.3274



10.0589, 24.9544, -16.6200

Triad

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



10.0589, 11.9315, -38.3272



10.0589, 13.0457, 7.0412



10.0589, -17.6030, 0.9579

Complementary

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



10.0588, 11.9306, -38.3274



22.6969, -0.1509, 13.9826

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.



10.0589, -17.3122, 7.0412



10.0588, 11.9306, -38.3274



10.0589, -0.0927, 7.0412

Square

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



10.0589, 11.9315, -38.3272



10.0589, 25.7701, 7.0412



10.0589, -10.0290, 7.0412



10.0589, -17.6030, -14.9417

Rectangle

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



10.0588, 11.9306, -38.3274



10.0589, 30.0644, -4.2317



10.0589, -10.0290, 7.0412



10.0589, -17.6030, 4.1813

Sweetspot

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



10.0589, 11.9315, -38.3272



28.6477, 0.8018, -9.7428



24.6534, -16.2086, 4.1760



14.2559, 0.5546, -5.4915



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



10.0589, 11.9315, -38.3272



12.8226, 17.1437, -53.0354



8.6166, 21.4739, -46.5365



13.8204, -0.5334, -0.4147



28.8140, 47.5127, -138.5812

Inverse Universe

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



13.2260, 22.9776, 5.9869



17.4357, 30.2259, 8.4233



25.8012, -12.9633, 15.6713



13.8228, 0.3897, 0.7898



41.7299, 72.0621, 22.3267

Previews

White Background



This preview shows how the HunterLab color 10.0588, 11.9306, -38.3274 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

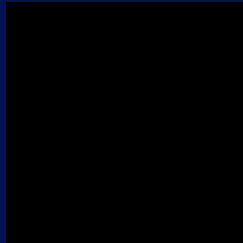
Any Text WCAG AA × Fail

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 10.0588, 11.9306, -38.3274 Background



This preview shows how black text looks on a background with the HunterLab color 10.0588, 11.9306, -38.3274.



This preview shows how white text looks on a background with the HunterLab color 10.0588, 11.9306, -38.3274.

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

10.0588, 11.9306, -38.3274

Protanopia

10.3888, 1.2430, -15.6683

Deuteranopia

10.4505, -1.6713, -9.4543



Tritanopia

10.4392, -5.1965, -1.8303

Trichromacy



Original Color

10.0588, 11.9306, -38.3274

Protanomaly

10.1731, 4.6698, -22.7962

Deuteranomaly

10.1070, 2.8570, -18.8002

Tritanomaly

9.8442, -0.0899, -12.1103

Monochromacy



Original Color

10.0588, 11.9306, -38.3274

Achromatopsia

8.3639, -0.4463, 0.4544

Achromatomaly

8.4763, 2.3666, -10.0575

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.0588, 11.9306, -38.3274 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, 18, 80)` looks like.

```
.text, #text, p{  
    color:rgb(0, 18, 80)  
}
```

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, 18, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 18, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 10.0588, 11.9306, -38.3274 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, 18, 80) }
```

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

```
.border{ border-color:rgb(0, 18, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 18, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 18, 80); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 18, 80); box-shadow:4px  
4px 4px 4px rgb(0, 18, 80) }
```

Background

The CSS property to change the background color of an element to HunterLab 10.0588, 11.9306, -38.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 18, 80) }
```

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

```
.background{ background-color: rgb(0, 18,  
80) }
```

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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