

Converting Colors

HunterLab(11.8711, -0.7477,
-12.0117)

Have a look what the booklet for
HunterLab(11.8711, -0.7477,
-12.0117) contains.

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Color

**HunterLab(11.8698, -0.7348,
-12.0339)**

Conversions

Conversions Part 1

Format	Color
Hex	042139
RGB	4, 33, 57
RGB Percent	2%, 13%, 22%
CMY	0.9843, 0.8706, 0.7765
CMYK	0.93, 0.42, 0.00, 0.78
HSL	207°, 87%, 12%
HSV	207°, 93%, 22%
XYZ	1.3324, 1.4089, 4.0726
YIQ	27.0650, -24.9880, 1.3160

Conversions

Conversions Part 2

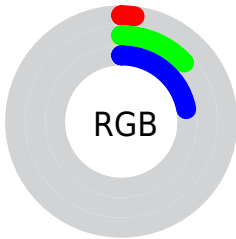
Format	Color
R_{YB}	4, 23, 57
Decimal	270649
CIE _{Lab}	12.02, -0.20, -18.58
CIE _{LCh}	12, 18.582, 269.379
Yxy	1.4090, 0.1955, 0.2068
Android (android.graphics.Color)	4278460729 (0xFF042139)
YUV	27.0650, 14.7580, -20.2280
Hunter-Lab	11.8698, -0.7348, -12.0339

Details

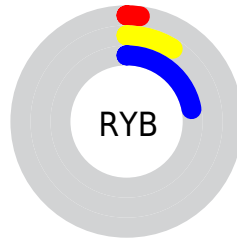
The HunterLab color **11.8698, -0.7348, -12.0339** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **13.0739, 6.1282, 7.6421**, and the grayscale version is **10.4510, -0.5576, 0.5678**.

A 20% lighter version of the original color is **26.6823, -1.6841, -12.6898**, and **1.6292, 4.4193, -11.5765** is the 20% darker color. If you saturate the color by 10%, you get **11.3367, -0.4187, -13.2662**, and if you desaturate by 10%, it is **12.6277, -1.2024, -10.4147**.

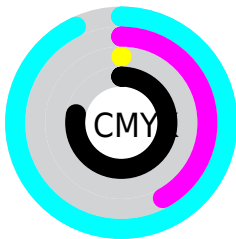
Distribution



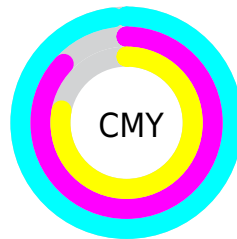
- Red (2%)
- Green (13%)
- Blue (22%)



- Red (2%)
- Yellow (9%)
- Blue (22%)



- Cyan (93%)
- Magenta (42%)
- Yellow (0%)
- Black (78%)



- Cyan (98%)
- Magenta (87%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.8698, -0.7348, -12.0339 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 11.8698, -0.7348, -12.0339 by changing the saturation by 10% instead.

■ 11.8698, -0.7348,
-12.0339

■ 11.8698, -0.7348,
-12.0339

■ 102.6198, -5.6878,
-14.2699

■ 4.7256, -0.4382,
-17.5853

■ 26.6323, -1.5543,
-12.9187

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 35.3711, -2.0341,
-13.3090

0.0000, NaN, NaN

■ 44.8995, -2.5551,
-13.6317

0.0000, NaN, NaN

■ 55.1567, -3.1141,
-13.8853

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.0944, -3.7087,
-14.0723

0.0000, NaN, NaN

■ 77.6724, -4.3370,

0.0000, NaN, NaN

-14.1962

■ 89.8571, -4.9972,
-14.2609

■ 11.8698, -0.7348,
-12.0339

■ 11.8698, -0.7348,
-12.0339

■ 11.3367, -0.4187,
-13.2662

■ 12.6277, -1.2024,
-10.4147

■ 13.4054, -1.6155,
-8.8884

■ 14.2274, -1.8872,
-7.3975

■ 15.0905, -2.0289,
-5.9454

■ 15.9915, -2.0525,
-4.5338

■ 16.9274, -1.9700,
-3.1622

■ 17.8953, -1.7927,
-1.8293

■ 18.8927, -1.5307,
-0.5330

■ 19.9174, -1.1932,
0.7293

Harmonies

Analogous

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



11.8700, -5.0076, -9.7608



11.8698, -0.7348, -12.0339



11.8700, 4.2793, -9.9312

Triad

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



11.8700, -0.7346, -12.0336



11.8700, 8.6011, 4.2569



11.8700, -7.6212, 4.3787

Complementary

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



11.8698, -0.7348, -12.0339



13.0739, 6.1282, 7.6421

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.



11.8700, -4.8588, 6.7280



11.8698, -0.7348, -12.0339



11.8700, 4.4818, 6.6576

Square

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



11.8700, -0.7346, -12.0336



11.8700, 10.1649, 0.5498



11.8700, -0.5330, 7.5621



11.8700, -8.5782, 0.7416

Rectangle

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



11.8698, -0.7348, -12.0339



11.8700, 7.2780, -6.6734



11.8700, -0.5330, 7.5621



11.8700, -6.8979, 5.2982

Sweetspot

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



11.8700, -0.7346, -12.0336



22.3362, -2.4767, -3.4534



17.4219, -12.8548, 6.8031



11.8487, -1.3444, -2.0044



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.



11.8700, -0.7346, -12.0336



14.2921, 0.0775, -18.0312



6.8239, 10.5760, -29.2429



10.3329, -0.7373, 0.0323



17.5214, 0.6481, -23.2994



43.0824, 5.5688, -65.8706

Inverse Universe

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



10.3274, 16.5870, -1.6065



12.6895, 22.9633, -1.3521



18.8406, -4.1239, 11.1756



10.1562, 0.3020, 0.2879



15.8028, 28.5325, -1.1818



40.5740, 72.8257, 0.3150

Previews

White Background



This preview shows how the HunterLab color 11.8698, -0.7348, -12.0339 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

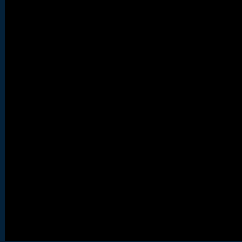
Any Text WCAG AA × Fail

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 11.8698, -0.7348, -12.0339 Background



This preview shows how black text looks on a background with the HunterLab color 11.8698, -0.7348, -12.0339.



This preview shows how white text looks on a background with the HunterLab color 11.8698, -0.7348, -12.0339.

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

11.8698, -0.7348, -12.0339

Protanopia

11.9431, 1.6745, -10.5547

Deuteranopia

12.0318, -0.1738, -11.6639



Tritanopia

11.8393, -5.9325, -1.9916

Trichromacy



Original Color

11.8698, -0.7348, -12.0339

Protanomaly

11.9168, 0.5252, -11.2623

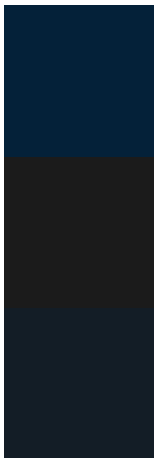
Deuteranomaly

11.9781, -0.3591, -11.7859

Tritanomaly

11.8236, -4.2779, -5.2385

Monochromacy



Original Color

11.8698, -0.7348, -12.0339

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.7569, -1.2720, -3.5010

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.8698, -0.7348, -12.0339 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(4, 33, 57)` looks like.

```
.text, #text, p{  
    color:rgb(4, 33, 57)  
}
```

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(4, 33, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 33, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 11.8698, -0.7348, -12.0339 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(4, 33, 57) }
```


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

```
.border{ border-color:rgb(4, 33, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 33, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 33, 57); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 33, 57); box-shadow:4px  
4px 4px 4px rgb(4, 33, 57) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.8698, -0.7348, -12.0339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 33, 57) }
```

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

```
.background{ background-color: rgb(4, 33,  
57) }
```

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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