

Converting Colors

HunterLab(12.2787, -7.4645,
0.7665)

Have a look what the booklet for
HunterLab(12.2787, -7.4645, 0.7665)
contains.

HunterLab(12.2086, -7.4195, 0.7568)	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(12.2086, -7.4195,
0.7568)**

Conversions

Conversions Part 1

Format	Color
Hex	002620
RGB	0, 38, 32
RGB Percent	0%, 15%, 13%
CMY	1.0000, 0.8510, 0.8745
CMYK	1.00, 0.00, 0.16, 0.85
HSL	171°, 100%, 7%
HSV	171°, 100%, 15%
XYZ	0.9538, 1.4905, 1.6039
YIQ	25.9540, -20.7220, -9.9220

Conversions

Conversions Part 2

Format	Color
RYB	0, 21, 38
Decimal	9760
CIELab	12.55, -15.20, 0.19
CIElCh	13, 15.203, 179.272
Yxy	1.4906, 0.2356, 0.3682
Android (android.graphics.Color)	4278199840 (0xFF002620)
YUV	25.9540, 2.9807, -22.7617
Hunter-Lab	12.2086, -7.4195, 0.7568

Details

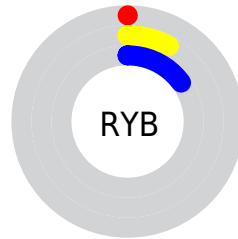
The HunterLab color **12.2086, -7.4195, 0.7568** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **6.5211, 11.3686, 2.6504**, and the grayscale version is **10.1455, -0.5413, 0.5512**.

A 20% lighter version of the original color is **26.9984, -10.7222, 1.4331**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.2088, -7.4197, 0.7570**, and if you desaturate by 10%, it is **12.3222, -6.9380, 0.6887**.

Distribution



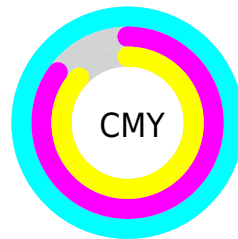
- Red (0%)
- Green (15%)
- Blue (13%)



- Red (0%)
- Yellow (8%)
- Blue (15%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (85%)



- Cyan (100%)
- Magenta (85%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.2086, -7.4195, 0.7568 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 12.2086, -7.4195, 0.7568 by changing the saturation by 10% instead.

■ 12.2086, -7.4195,
0.7568

■ 12.2086, -7.4195,
0.7568

■ 103.3127,
-20.7010, 5.8124

■ 5.3110, -9.2943,
0.4398

■ 27.0750, -10.7475,
1.5944

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.8575, -12.2601,
2.0844

0.0000, NaN, NaN

■ 45.4260, -13.7204,
2.6161

0.0000, NaN, NaN

■ 55.7205, -15.1468,
3.1866

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 66.6930, -16.5510,
3.7934


0.0000, NaN, NaN


■ 78.3040, -17.9411,


0.0000, NaN, NaN


4.4344


 90.5201, -19.3231,
5.1079


 12.2086, -7.4195,
0.7568


 12.2086, -7.4195,
0.7568


 12.2088, -7.4197,
0.7570

 12.3222, -6.9380,
0.6887

 12.4348, -6.4643,
0.6183

 12.5480, -5.9929,
0.5475

 12.6781, -5.4607,
0.4967

 12.8299, -4.8515,
0.4724

■ 13.0040, -4.1669,
0.4752

■ 13.2003, -3.4097,
0.5052

■ 13.4190, -2.5837,
0.5625

■ 13.6597, -1.6931,
0.6464

Harmonies

Analogous

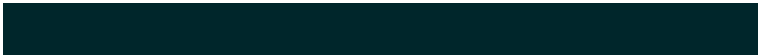
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.2088, -6.5756, 3.8383



12.2086, -7.4195, 0.7568



12.2088, -6.6533, -3.4730

Triad

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



12.2088, -7.4195, 0.7569



12.2088, 3.3332, -7.5768



12.2088, 3.5236, 5.6379

Complementary

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



12.2086, -7.4195, 0.7568



6.5211, 11.3686, 2.6504

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.



12.2088, 6.7927, 3.7234



12.2086, -7.4195, 0.7568



12.2088, 6.6732, -3.6870

Square

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



12.2088, -7.4195, 0.7569



12.2088, -0.7494, -9.1258



12.2088, 8.0122, 0.5715



12.2088, -0.5544, 6.3622

Rectangle

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



12.2086, -7.4195, 0.7568



12.2088, -5.2684, -6.2666



12.2088, 8.0122, 0.5715



12.2088, 4.7718, 5.1125

Sweetspot

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



12.2088, -7.4195, 0.7569



16.3952, -4.4287, 0.6198



11.9463, -9.3646, 7.1972



9.4657, -2.5536, 0.3580



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

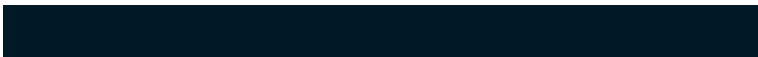
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12.2088, -7.4195, 0.7569



15.1974, -9.3038, 1.0888



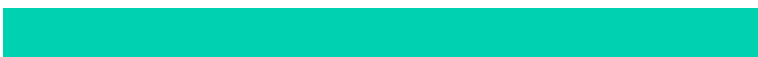
9.2173, -2.4834, -6.1596



7.6208, -0.8203, 0.3721



25.2993, -15.6810, 2.2287



69.8483, -43.8573, 7.3711

Inverse Universe

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



6.5211, 11.3686, 2.6504



8.1003, 14.0789, 3.6297



8.3157, 5.6051, 5.2220



7.3357, 0.0361, 0.4480



13.4340, 23.2202, 7.0210



36.9862, 63.6372, 21.5961

Previews

White Background



This preview shows how the HunterLab color 12.2086, -7.4195, 0.7568 looks on a white background.

Color Contrast Check

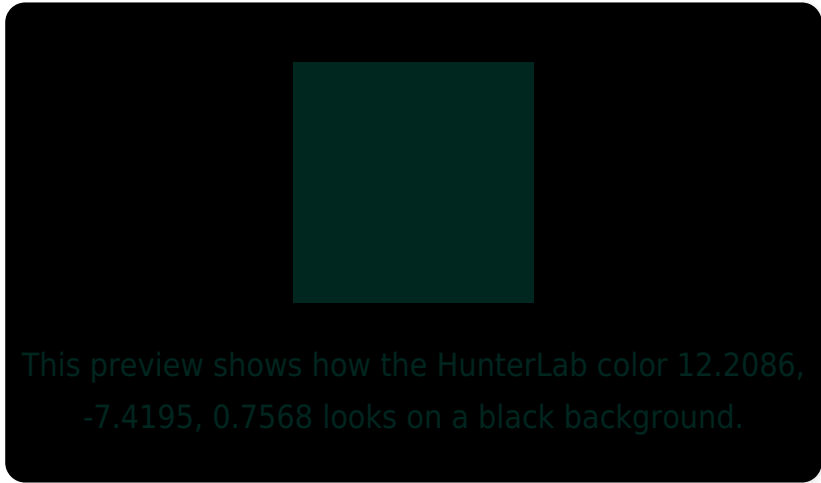
Large Text (above 18pt) WCAG AA ✓ Pass

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

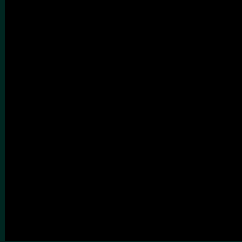
Any Text WCAG AA × Fail

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 12.2086, -7.4195, 0.7568 Background



This preview shows how black text looks on a background with the HunterLab color 12.2086, -7.4195, 0.7568.



This preview shows how white text looks on a background with the HunterLab color 12.2086, -7.4195,

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

12.2086, -7.4195, 0.7568

Protanopia

12.4047, -0.5363, 1.7636

Deuteranopia

12.3941, 0.6906, 0.7663



Tritanopia

12.4398, -4.8006, -1.9867

Trichromacy



Original Color

12.2086, -7.4195, 0.7568

Protanomaly

12.1308, -3.8770, 1.0712

Deuteranomaly

12.0335, -2.9137, 0.2747

Tritanomaly

12.2551, -5.6704, -1.0155

Monochromacy



Original Color

12.2086, -7.4195, 0.7568

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.6375, -3.4287, 0.3714

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.2086, -7.4195, 0.7568 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, 38, 32)` looks like.

```
.text, #text, p{  
    color:rgb(0, 38, 32)  
}
```

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, 38, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 38, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 12.2086, -7.4195, 0.7568 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, 38, 32) }
```


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

```
.border{ border-color:rgb(0, 38, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 38, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 38, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 38, 32); box-shadow:4px  
4px 4px 4px rgb(0, 38, 32) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.2086, -7.4195, 0.7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 38, 32) }
```

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

```
.background{ background-color: rgb(0, 38,  
32) }
```

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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