

Converting Colors

HunterLab(12.1753, -8.3467,
-0.3052)

Have a look what the booklet for
HunterLab(12.1753, -8.3467,
-0.3052) contains.

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Color

**HunterLab(12.5395, -7.2978,
0.0806)**

Conversions

Conversions Part 1	
Format	Color
Hex	002723
RGB	0, 39, 35
RGB Percent	0%, 15%, 14%
CMY	1.0000, 0.8471, 0.8627
CMYK	1.00, 0.00, 0.10, 0.85
HSL	174°, 100%, 8%
HSV	174°, 100%, 15%
XYZ	1.0289, 1.5724, 1.8394
YIQ	26.8830, -21.9600, -9.5120

Conversions

Conversions Part 2

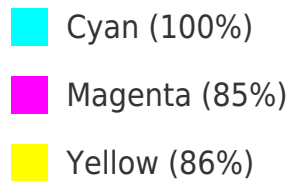
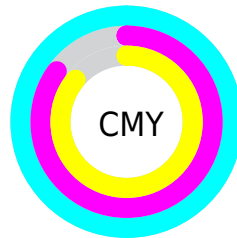
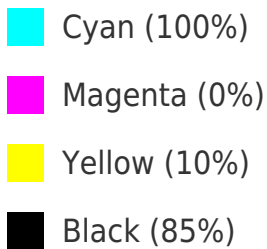
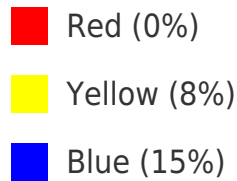
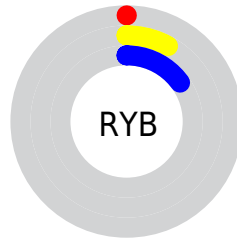
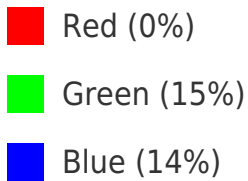
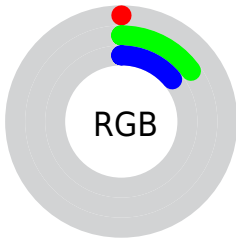
Format	Color
RYB	0, 21, 39
Decimal	10019
CIELab	13.06, -14.66, -1.21
CIELCh	13, 14.707, 184.728
Yxy	1.5725, 0.2317, 0.3541
Android (android.graphics.Color)	4278200099 (0xFF002723)
YUV	26.8830, 4.0017, -23.5764
Hunter-Lab	12.5395, -7.2978, 0.0806

Details

The HunterLab color **12.5395, -7.2978, 0.0806** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **6.6344, 11.4926, 3.2623**, and the grayscale version is **10.4265, -0.5563, 0.5665**.

A 20% lighter version of the original color is **27.4035, -10.4765, 0.6981**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.5397, -7.2980, 0.0808**, and if you desaturate by 10%, it is **12.6491, -6.8427, 0.0744**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.5395, -7.2978, 0.0806 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 12.5395, -7.2978, 0.0806 by changing the saturation by 10% instead.

 12.5395, -7.2978,
0.0806

 12.5395, -7.2978,
0.0806


 103.9847,
-20.2417, 4.4640

 5.8217, -10.1879,
-0.5462


 27.5057, -10.5151,
0.7229

0.0000, NaN, NaN

0.0000, NaN, NaN


 36.3303, -11.9852,
1.1300

0.0000, NaN, NaN


 45.9374, -13.4080,
1.5856

0.0000, NaN, NaN

0.0000, NaN, NaN

 56.2678, -14.8004,
2.0852

0.0000, NaN, NaN


 67.2740, -16.1735,
2.6253


0.0000, NaN, NaN


 78.9169, -17.5347,


0.0000, NaN, NaN


3.2033


 91.1632, -18.8894,
3.8168


 12.5395, -7.2978,
0.0806


 12.5395, -7.2978,
0.0806


 12.5397, -7.2980,
0.0808

 12.6491, -6.8427,
0.0744

 12.7577, -6.3953,
0.0666

 12.8675, -5.9473,
0.0600

 12.9956, -5.4331,
0.0766

 13.1462, -4.8391,
0.1219

■ 13.3197, -4.1667,
0.1959

■ 13.5163, -3.4187,
0.2988

■ 13.7360, -2.5985,
0.4300

■ 13.9787, -1.7106,
0.5887

Harmonies

Analogous

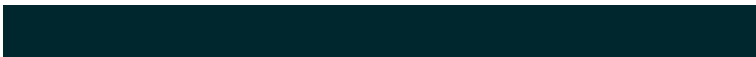
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.5397, -6.7519, 3.3603



12.5395, -7.2978, 0.0806



12.5397, -6.2531, -4.0950

Triad

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



12.5397, -7.2978, 0.0808



12.5397, 3.8908, -6.7027



12.5397, 2.6923, 5.7298

Complementary

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



12.5395, -7.2978, 0.0806



6.6344, 11.4926, 3.2623

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.



12.5397, 6.1021, 4.1022



12.5395, -7.2978, 0.0806



12.5397, 6.8512, -2.7578

Square

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



12.5397, -7.2978, 0.0808



12.5397, -0.0462, -8.7019



12.5397, 7.7058, 1.2560



12.5397, -1.2814, 6.1786

Rectangle

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



12.5395, -7.2978, 0.0806



12.5397, -4.7101, -6.6428



12.5397, 7.7058, 1.2560



12.5397, 3.9573, 5.3026

Sweetspot

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



12.5397, -7.2978, 0.0808



17.2126, -4.5649, 0.3526



12.1674, -9.8131, 7.3255



9.4770, -2.4894, 0.1973



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.



12.5397, -7.2978, 0.0808



16.0097, -9.3702, 0.2170



8.9547, -1.8383, -7.2237



8.3536, -0.9116, 0.3708



26.2280, -15.4790, 0.6319



71.1528, -42.3737, 2.5379

Inverse Universe

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



6.6344, 11.4926, 3.2623



8.4574, 14.6191, 4.4142



8.7842, 5.0879, 5.5016



8.0180, 0.0557, 0.5272



13.8227, 23.8086, 7.8711



37.4191, 64.2332, 23.0023

Previews

White Background



This preview shows how the HunterLab color 12.5395, -7.2978, 0.0806 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



This preview shows how the HunterLab color 12.5395, -7.2978, 0.0806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

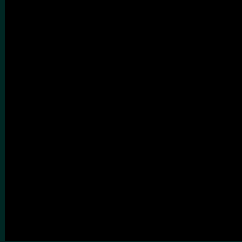
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

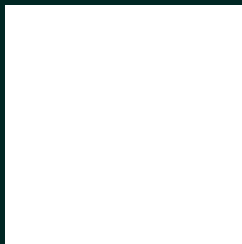
Any Text WCAG AAA × Fail

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

HunterLab 12.5395, -7.2978, 0.0806 Background



This preview shows how black text looks on a background with the HunterLab color 12.5395, -7.2978, 0.0806.



This preview shows how white text looks on a background with the HunterLab color 12.5395, -7.2978, 0.0806.

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

12.5395, -7.2978, 0.0806

Protanopia

12.7413, -0.4383, 1.4846

Deuteranopia

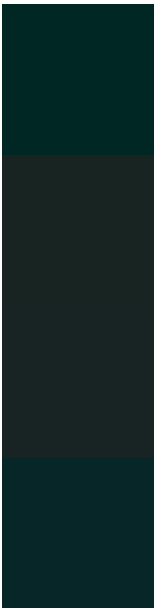
12.6823, 0.6809, 0.0238



Tritanopia

12.6919, -5.0735, -2.0680

Trichromacy



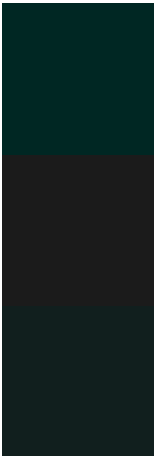
Original Color
12.5395, -7.2978, 0.0806

Protanomaly
12.4648, -3.7879, 0.7705

Deuteranomaly
12.3435, -2.8574, -0.4611

Tritanomaly
12.5357, -5.7839, -1.4553

Monochromacy



Original Color
12.5395, -7.2978, 0.0806

Achromatopsia
10.4690, -0.5586, 0.5688

Achromatomaly
10.9219, -3.4974, 0.0010

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5395, -7.2978, 0.0806 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, 39, 35)` looks like.

```
.text, #text, p{  
    color:rgb(0, 39, 35)  
}
```

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, 39, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 39, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5395, -7.2978, 0.0806 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, 39, 35) }
```


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

```
.border{ border-color:rgb(0, 39, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 39, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 39, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 39, 35); box-shadow:4px  
4px 4px 4px rgb(0, 39, 35) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.5395, -7.2978, 0.0806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 39, 35) }
```

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

```
.background{ background-color: rgb(0, 39,  
35) }
```

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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