

Converting Colors

HunterLab(12.3333, 0.6286,
-16.7724)

Have a look what the booklet for
HunterLab(12.3333, 0.6286,
-16.7724) contains.

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Color

**HunterLab(12.3520, 0.4389,
-16.3863)**

Conversions

Conversions Part 1

Format	Color
Hex	002241
RGB	0, 34, 65
RGB Percent	0%, 13%, 25%
CMY	1.0000, 0.8667, 0.7451
CMYK	1.00, 0.48, 0.00, 0.75
HSL	209°, 100%, 13%
HSV	209°, 100%, 25%
XYZ	1.5262, 1.5257, 5.2151
YIQ	27.3680, -30.2150, 2.4330

Conversions

Conversions Part 2

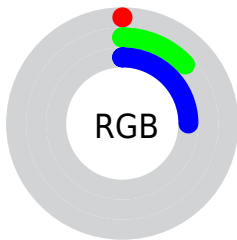
Format	Color
RYB	0, 22, 65
Decimal	8769
CIELab	12.77, 2.13, -23.03
CIELCh	13, 23.126, 275.287
Yxy	1.5258, 0.1846, 0.1846
Android (android.graphics.Color)	4278198849 (0xFF002241)
YUV	27.3680, 18.5526, -24.0017
Hunter-Lab	12.3520, 0.4389, -16.3863

Details

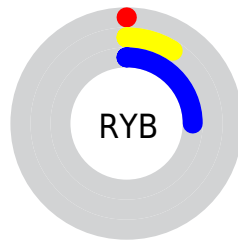
The HunterLab color **12.3520, 0.4389, -16.3863** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **14.5053, 7.4738, 9.0684**, and the grayscale version is **10.5339, -0.5621, 0.5723**.

A 20% lighter version of the original color is **27.3007, -0.1735, -17.1092**, and **2.8220, 4.9084, -14.1230** is the 20% darker color. If you saturate the color by 10%, you get **12.3516, 0.4397, -16.3875**, and if you desaturate by 10%, it is **13.2402, -0.2480, -14.2408**.

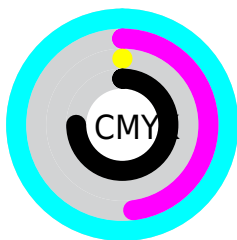
Distribution



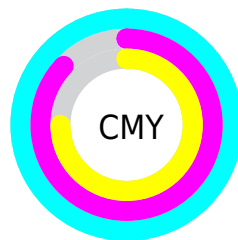
- Red (0%)
- Green (13%)
- Blue (25%)



- Red (0%)
- Yellow (9%)
- Blue (25%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (87%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.3520, 0.4389, -16.3863 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 12.3520, 0.4389, -16.3863 by changing the saturation by 10% instead.

12.3520, 0.4389,
-16.3863

12.3520, 0.4389,
-16.3863

103.6044, -3.3296,
-19.5566

5.5386, 1.3807,
-20.8846

27.2618, -0.0353,
-17.2960

0.0000, NaN, -NF

0.0000, NaN, NaN

36.0626, -0.3691,
-17.7894

0.0000, NaN, NaN

45.6478, -0.7559,
-18.2351

0.0000, NaN, NaN

0.0000, NaN, NaN

55.9580, -1.1901,
-18.6212

0.0000, NaN, NaN

66.9451, -1.6675,
-18.9451

0.0000, NaN, NaN

78.5700, -2.1849,

0.0000, NaN, NaN

-19.2074

■ 90.7992, -2.7397,
-19.4103

■ 12.3520, 0.4389,
-16.3863

■ 12.3520, 0.4389,
-16.3863

■ 12.3516, 0.4397,
-16.3875

■ 13.2402, -0.2480,
-14.2408

■ 14.1365, -0.9276,
-12.2804

■ 15.0830, -1.4537,
-10.3903

■ 16.0836, -1.8100,
-8.5569

■ 17.1338, -2.0118,
-6.7832

■ 18.2294, -2.0751,
-5.0692

■ 19.3665, -2.0150,
-3.4125

■ 20.5413, -1.8454,
-1.8098

■ 21.7509, -1.5789,
-0.2571

Harmonies

Analogous

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



12.3522, -5.1891, -14.3553



12.3520, 0.4389, -16.3863



12.3522, 6.8687, -12.3351

Triad

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



12.3522, 0.4392, -16.3860



12.3522, 10.4409, 5.7405



12.3522, -9.6083, 4.5020

Complementary

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



12.3520, 0.4389, -16.3863



14.5053, 7.4738, 9.0684

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.



12.3522, -6.7290, 7.5922



12.3520, 0.4389, -16.3863



12.3522, 4.6339, 8.3073

Square

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



12.3522, 0.4392, -16.3860



12.3522, 13.3164, 1.6565



12.3522, -1.7216, 8.6465



12.3522, -10.3208, -0.4001

Rectangle

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



12.3520, 0.4389, -16.3863



12.3522, 10.5304, -7.5142



12.3522, -1.7216, 8.6465



12.3522, -8.8952, 5.6769

Sweetspot

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



12.3522, 0.4392, -16.3860



24.9364, -2.6324, -4.6963



19.6879, -15.1510, 8.0993



12.9476, -1.3931, -2.6669



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



12.3522, 0.4392, -16.3860



15.6361, 1.2602, -22.2642



6.5484, 15.1929, -40.9796



11.8074, -0.8253, -0.0193



17.8921, 1.8410, -26.3378



42.6767, 8.6067, -71.9215

Inverse Universe

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



11.1329, 20.1007, -0.8479



14.4004, 25.9246, -0.4895



21.5882, -5.1327, 13.2123



11.6103, 0.3913, 0.3386



16.6497, 29.9319, -0.2396



41.4782, 74.1502, 2.6359

Previews

White Background



This preview shows how the HunterLab color 12.3520, 0.4389, -16.3863 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

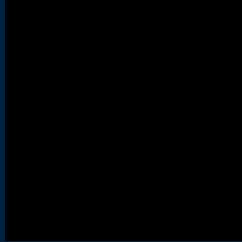
Any Text WCAG AA × Fail

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 12.3520, 0.4389, -16.3863 Background



This preview shows how black text looks on a background with the HunterLab color 12.3520, 0.4389, -16.3863.



This preview shows how white text looks on a background with the HunterLab color 12.3520, 0.4389, -16.3863.

-16.3863.

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

12.3520, 0.4389, -16.3863

Protanopia

12.5955, 2.3150, -15.0305

Deuteranopia

12.4056, -0.9421, -13.4723



Tritanopia

12.4074, -6.2312, -2.0567

Trichromacy



Original Color

12.3520, 0.4389, -16.3863

Protanomaly

12.3654, 1.5624, -15.6105

Deuteranomaly

12.4494, -0.7017, -14.0458

Tritanomaly

12.4293, -4.2890, -6.2770

Monochromacy



Original Color

12.3520, 0.4389, -16.3863

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.9901, -1.4366, -4.5706

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3520, 0.4389, -16.3863 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, 34, 65)` looks like.

```
.text, #text, p{  
    color:rgb(0, 34, 65)  
}
```

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, 34, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 34, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3520, 0.4389, -16.3863 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, 34, 65) }
```


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

```
.border{ border-color:rgb(0, 34, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 34, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 34, 65); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 34, 65); box-shadow:4px  
4px 4px 4px rgb(0, 34, 65) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.3520, 0.4389, -16.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 34, 65) }
```

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

```
.background{ background-color: rgb(0, 34,  
65) }
```

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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