

Converting Colors

HunterLab(15.4003, 4.8322,
-53.3059)

Have a look what the booklet for
HunterLab(15.4003, 4.8322,
-53.3059) contains.

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Color

**HunterLab(17.4332, 10.3990,
-44.2384)**

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | 002C73 |
| RGB | 0, 44, 115 |
| RGB Percent | 0%, 17%, 45% |
| CMY | 0.9999, 0.8275, 0.5490 |
| CMYK | 1.00, 0.62, 0.00, 0.55 |
| HSL | 217°, 100%, 23% |
| HSV | 217°, 100%, 45% |
| XYZ | 3.9952, 3.0392, 16.5957 |
| YIQ | 38.9380, -49.0150, 12.7530 |

Conversions

Conversions Part 2

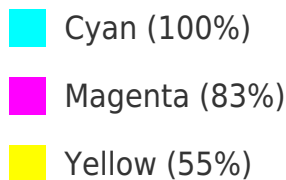
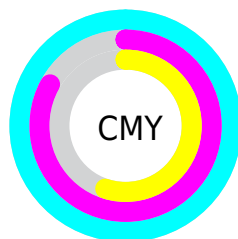
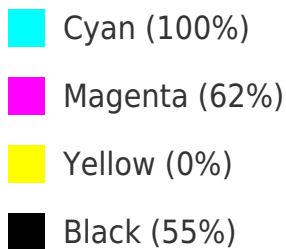
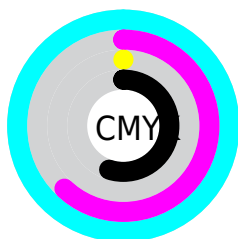
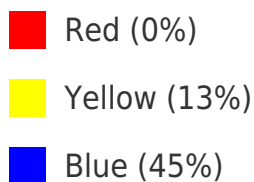
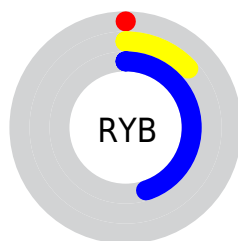
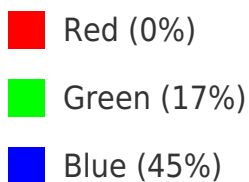
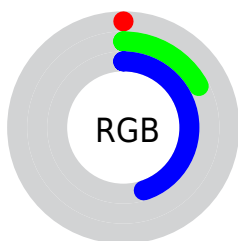
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 32, 115 |
| Decimal | 11379 |
| CIELab | 20.20, 17.81, -44.42 |
| CIELCh | 20, 47.859, 291.853 |
| Yxy | 3.0392, 0.1691, 0.1286 |
| Android (android.graphics.Color) | 4278201459 (0xFF002C73) |
| YUV | 38.9380, 37.4986, -34.1486 |
| Hunter-Lab | 17.4332, 10.3990, -44.2384 |

Details

The HunterLab color **17.4332, 10.3990, -44.2384** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **28.5537, 8.3218, 17.7395**, and the grayscale version is **14.1194, -0.7534, 0.7671**.

A 20% lighter version of the original color is **33.7467, 11.7575, -44.0859**, and **6.2717, 17.0121, -44.5634** is the 20% darker color. If you saturate the color by 10%, you get **17.4314, 10.4033, -44.2454**, and if you desaturate by 10%, it is **19.2067, 7.5374, -38.1025**.












Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.4332, 10.3990, -44.2384 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 17.4332, 10.3990, -44.2384 by changing the saturation by 10% instead.


| | |
|---|---|
|  17.4332, 10.3990, -44.2384 |  17.4332, 10.3990, -44.2384 |
|  113.4759, 13.4802, -48.4706 |  10.7343, 9.4761, -46.5482 |
|  33.7226, 11.7723, -43.9263 |  1.4892, 52.0459, -204.1810 |
|  43.1125, 12.2698, -44.4340 | 0.0000, NaN, -NF |
|  53.2413, 12.6657, -45.0796 | 0.0000, NaN, -NF |
|  64.0584, 12.9725, -45.7788 | 0.0000, NaN, NaN |
|  75.5228, 13.2003, -46.4871 | 0.0000, NaN, NaN |
|  87.5995, 13.3567, | 0.0000, NaN, NaN |


-47.1801

0.0000, NaN, NaN

 100.2592, 13.4483,
-47.8439

 17.4332, 10.3990,
-44.2384

 17.4332, 10.3990,
-44.2384

 17.4314, 10.4033,
-44.2454

 19.2067, 7.5374,
-38.1025

 21.1343, 5.0035,
-32.3923

 23.2424, 2.9400,
-27.0023

 25.5068, 1.3082,
-21.9622

 27.9066, 0.0555,
-17.2633

■ 30.4238, -0.8718,
-12.8773

■ 33.0438, -1.5228,
-8.7681

■ 35.7543, -1.9400,
-4.8989

■ 38.5454, -2.1589,
-1.2353

Harmonies

Analogous

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



17.4334, -4.6226, -49.0541



17.4332, 10.3990, -44.2384



17.4334, 26.0498, -23.8119

Triad

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



17.4334, 10.3999, -44.2380



17.4334, 19.2651, 12.2034



17.4334, -20.5200, 4.2335

Complementary

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



17.4332, 10.3990, -44.2384



28.5537, 8.3218, 17.7395

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.



17.4334, -17.5867, 10.9510



17.4332, 10.3990, -44.2384



17.4334, 3.0956, 12.2034

Square

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



17.4334, 10.3999, -44.2380



17.4334, 32.2018, 8.0969



17.4334, -9.9490, 12.2034



17.4334, -19.6824, -11.7002

Rectangle

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



17.4332, 10.3990, -44.2384



17.4334, 33.2007, -9.1932



17.4334, -9.9490, 12.2034



17.4334, -19.9876, 7.2398

Sweetspot

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



17.4334, 10.3999, -44.2380



43.9329, -1.9803, -12.1607



35.6589, -26.0323, 11.6272



20.8802, -0.8390, -6.8235



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



17.4334, 10.3999, -44.2380



22.7984, 15.1590, -61.2200



11.5194, 30.4660, -75.8512



19.4892, -1.0899, -0.4532



18.5308, 11.3716, -47.7099



38.9716, 29.7513, -112.9358

Inverse Universe

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



19.5627, 34.4274, 5.4353



26.1300, 45.9001, 7.9567



38.8100, -14.7335, 23.6560



19.2922, 0.8108, 0.7829



20.9061, 36.7771, 5.9524



45.9811, 80.5645, 15.6001

Previews

White Background



This preview shows how the HunterLab color 17.4332, 10.3990, -44.2384 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 17.4332, 10.3990, -44.2384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

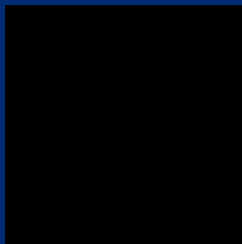
Any Text WCAG AA × Fail

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 17.4332, 10.3990, -44.2384 Background



This preview shows how black text looks on a background with the HunterLab color 17.4332, 10.3990, -44.2384.



This preview shows how white text looks on a background with the HunterLab color 17.4332, 10.3990,

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

17.4332, 10.3990, -44.2384

Protanopia

17.4742, 4.2116, -30.9330

Deuteranopia

17.4808, -0.9367, -19.8274



Tritanopia

17.4295, -8.6886, -3.0291

Trichromacy



Original Color

17.4332, 10.3990, -44.2384

Protanomaly

17.5318, 6.1564, -35.2031

Deuteranomaly

17.2539, 3.0625, -28.1769

Tritanomaly

17.1236, -2.9142, -15.1120

Monochromacy



Original Color

17.4332, 10.3990, -44.2384

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.8250, 0.6292, -12.0911

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.4332, 10.3990, -44.2384 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, 44, 115)` looks like.

```
.text, #text, p{  
    color:rgb(0, 44, 115)  
}
```

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, 44, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 44, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 17.4332, 10.3990, -44.2384 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, 44, 115) }
```


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

```
.border{ border-color:rgb(0, 44, 115) }
```

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

Here you see how a box with a 4 pixel rgb(0, 44, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 44, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 44, 115);  
box-shadow:4px 4px 4px 4px rgb(0, 44, 115)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.4332, 10.3990, -44.2384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 44, 115) }
```

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

```
.background{ background-color: rgb(0, 44,  
115) }
```

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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