

Converting Colors

HunterLab(13.3339, 2.7017,
-17.4718)

Have a look what the booklet for
HunterLab(13.3339, 2.7017,
-17.4718) contains.

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Color

**HunterLab(13.2794, 2.8071,
-17.6388)**

Conversions

Conversions Part 1

Format	Color
Hex	112346
RGB	17, 35, 70
RGB Percent	7%, 14%, 27%
CMY	0.9333, 0.8627, 0.7255
CMYK	0.76, 0.50, 0.00, 0.73
HSL	220°, 61%, 17%
HSV	220°, 76%, 27%
XYZ	1.9377, 1.7634, 6.0326
YIQ	33.6080, -21.9630, 7.0690

Conversions

Conversions Part 2

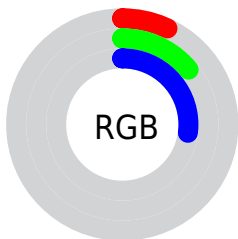
Format	Color
R_{YB}	17, 30, 70
Decimal	1123142
CIE _{Lab}	14.19, 6.45, -24.19
CIE _{LCh}	14, 25.032, 284.924
Yxy	1.7635, 0.1991, 0.1812
Android (android.graphics.Color)	4279313222 (0xFF112346)
YUV	33.6080, 17.9413, -14.5652
Hunter-Lab	13.2794, 2.8071, -17.6388

Details

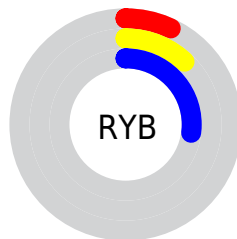
The HunterLab color **13.2794, 2.8071, -17.6388** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.4905, 1.1979, 10.4174**, and the grayscale version is **12.4744, -0.6656, 0.6778**.

A 20% lighter version of the original color is **28.4906, 3.0229, -18.7111**, and **3.1031, 5.9196, -16.6572** is the 20% darker color. If you saturate the color by 10%, you get **12.0603, 4.1234, -20.9822**, and if you desaturate by 10%, it is **14.5902, 1.7301, -14.5259**.

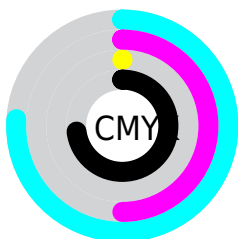
Distribution



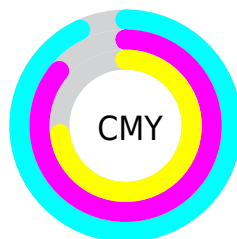
- Red (7%)
- Green (14%)
- Blue (27%)



- Red (7%)
- Yellow (12%)
- Blue (27%)



- Cyan (76%)
- Magenta (50%)
- Yellow (0%)
- Black (73%)



- Cyan (93%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.2794, 2.8071, -17.6388 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 13.2794, 2.8071, -17.6388 by changing the saturation by 10% instead.

■ 13.2794, 2.8071,
-17.6388

■ 13.2794, 2.8071,
-17.6388

105.4715, 1.1301,
-20.9912

■ 6.8136, 3.7589,
-19.5588

■ 28.4633, 2.9264,
-18.5648

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 37.3799, 2.8492,
-19.0749

0.0000, NaN, NaN

■ 47.0716, 2.7002,
-19.5413

0.0000, NaN, NaN

■ 57.4808, 2.4887,
-19.9508

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.5609, 2.2212,
-20.2997

0.0000, NaN, NaN

■ 80.2736, 1.9029,

0.0000, NaN, NaN

-20.5881

■ 92.5865, 1.5381,
-20.8179

■ 13.2794, 2.8071,
-17.6388

■ 13.2794, 2.8071,
-17.6388

■ 12.0603, 4.1234,
-20.9822

■ 14.5902, 1.7301,
-14.5259

■ 10.9066, 5.5784,
-24.6809

■ 15.9791, 0.8635,
-11.6386

■ 10.4216, 6.2114,
-26.4348

■ 17.4356, 0.1779,
-8.9570

■ 18.9511, -0.3538,
-6.4569

■ 20.5183, -0.7552,
-4.1134

■ 22.1317, -1.0465,
-1.9039

■ 23.7862, -1.2442,
0.1920

■ 25.4781, -1.3620,
2.1916

■ 27.2040, -1.4112,
4.1097

Harmonies

Analogous

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



13.2796, -3.9242, -17.6203



13.2794, 2.8071, -17.6388



13.2796, 9.7743, -11.3526

Triad

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



13.2796, 2.8074, -17.6384



13.2796, 9.8057, 7.1747



13.2796, -11.0750, 3.5539

Complementary

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



13.2794, 2.8071, -17.6388



19.4905, 1.1979, 10.4174

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.



13.2796, -8.6991, 7.1893



13.2794, 2.8071, -17.6388



13.2796, 2.8440, 9.2016

Square

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



13.2796, 2.8074, -17.6384



13.2796, 14.3314, 3.5296



13.2796, -3.8942, 9.2069



13.2796, -11.0809, -2.8727

Rectangle

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



13.2794, 2.8071, -17.6388



13.2796, 13.2359, -5.6590



13.2796, -3.8942, 9.2069



13.2796, -10.5519, 4.9685

Sweetspot

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



13.2796, 2.8074, -17.6384



27.4323, -1.0736, -4.9000



21.7774, -13.2837, 4.5170



13.6731, -0.5026, -2.7469



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



13.2796, 2.8074, -17.6384



14.5699, 7.2945, -31.9112



10.2433, 11.7982, -27.0205



12.4158, -0.6370, -0.2167



14.2849, 10.4801, -40.4783



32.9559, 31.7888, -109.8149

Inverse Universe

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



13.5072, 16.4002, 1.6302



16.0488, 25.4298, 3.9800



23.3379, -8.0970, 12.8914



12.3348, 0.3596, 0.5693



16.7100, 29.2998, 5.5007



41.0604, 71.6246, 16.3979

Previews

White Background



This preview shows how the HunterLab color 13.2794, 2.8071, -17.6388 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

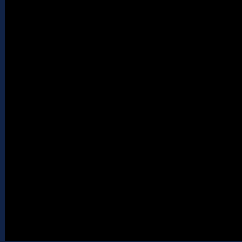
Any Text WCAG AA × Fail

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 13.2794, 2.8071, -17.6388 Background



This preview shows how black text looks on a background with the HunterLab color 13.2794, 2.8071, -17.6388.



This preview shows how white text looks on a background with the HunterLab color 13.2794, 2.8071, -17.6388.

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

13.2794, 2.8071, -17.6388

Protanopia

13.2454, 2.6978, -17.7280

Deuteranopia

13.0568, -0.7609, -14.6772



Tritanopia

13.0077, -6.3671, -2.5137

Trichromacy



Original Color

13.2794, 2.8071, -17.6388

Protanomaly

13.2454, 2.6978, -17.7280

Deuteranomaly

13.0603, 0.6400, -16.0478

Tritanomaly

12.9691, -3.2782, -7.4638

Monochromacy



Original Color

13.2794, 2.8071, -17.6388

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.6340, -0.0122, -4.8360

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.2794, 2.8071, -17.6388 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(17, 35, 70)` looks like.

```
.text, #text, p{  
    color:rgb(17, 35, 70)  
}
```

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(17, 35, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 35, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 13.2794, 2.8071, -17.6388 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(17, 35, 70) }
```


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

```
.border{ border-color:rgb(17, 35, 70) }
```

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

Here you see how a box with a 4 pixel rgb(17, 35, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 35, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 35, 70);  
box-shadow:4px 4px 4px 4px rgb(17, 35, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.2794, 2.8071, -17.6388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 35, 70) }
```

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

```
.background{ background-color: rgb(17, 35,  
70) }
```

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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