

Converting Colors

HunterLab(43.4992, 74.4920,
28.1081)

Have a look what the booklet for
HunterLab(43.4992, 74.4920,
28.1081) contains.

HunterLab(43.4480, 74.4059, 28.0750)	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(43.4480, 74.4059,
28.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	F20000
RGB	242, 0, 0
RGB Percent	95%, 0%, 0%
CMY	0.0510, 0.9997, 1.0000
CMYK	0.00, 1.00, 1.00, 0.05
HSL	0°, 100%, 47%
HSV	0°, 100%, 95%
XYZ	36.6180, 18.8773, 1.7137
YIQ	72.3580, 144.2320, 51.3040

Conversions

Conversions Part 2

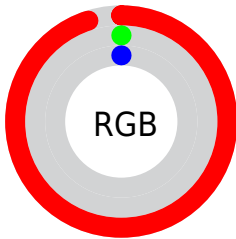
Format	Color
R_{YB}	242, 0, 0
Decimal	15859712
CIE Lab	50.54, 76.99, 64.61
CIE LCh	51, 100.509, 40.002
Yxy	18.8785, 0.6401, 0.3300
Android (android.graphics.Color)	4294049792 (0xFFFF20000)
YUV	72.3580, -35.6725, 148.7760
Hunter-Lab	43.4480, 74.4059, 28.0750

Details

The HunterLab color **43.4480, 74.4059, 28.0750** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **83.5929, -44.3024, -8.8475**, and the grayscale version is **25.6832, -1.3704, 1.3954**.

A 20% lighter version of the original color is **54.3699, 55.8123, 30.2584**, and **30.1893, 51.7002, 19.5076** is the 20% darker color. If you saturate the color by 10%, you get **43.4493, 74.4004, 28.0758**, and if you desaturate by 10%, it is **44.2808, 72.1294, 27.3764**.

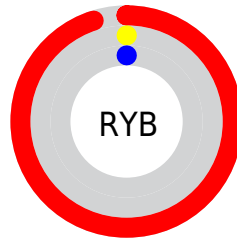
Distribution



Red (95%)

Green (0%)

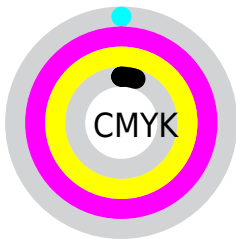
Blue (0%)



Red (95%)

Yellow (0%)

Blue (0%)

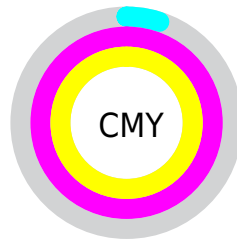


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (100%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 43.4480, 74.4059, 28.0750 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 43.4480, 74.4059, 28.0750 by changing the saturation by 10% instead.


 43.4480, 74.4059,
28.0750


 43.4480, 74.4059,
28.0750


 156.7728, 93.4573,
65.2036


 34.0331, 72.0075,
23.1781


 64.4428, 79.1878,
37.5260


 25.4167, 69.7775,
17.7917


 75.9287, 81.4898,
41.9221


 17.6828, 68.0506,
12.3780

 88.0260, 83.7072,
46.1350

 10.9467, 67.7943,
7.6627

 100.7053, 85.8349,
50.1897

 2.4558, 175.9840,
1.7190

 113.9408, 87.8719,
54.1072


0.0000, INF, NaN

0.0000, NaN, NaN


 127.7102, 89.8196,


57.9056


0.0000, NaN, NaN


 141.9935, 91.6804,
61.6001


0.0000, NaN, NaN


 43.4480, 74.4059,
28.0750


 43.4480, 74.4059,
28.0750


 43.4493, 74.4004,
28.0758

 44.2808, 72.1294,
27.3764

 46.0922, 67.4105,
25.9287

 49.0628, 60.2737,
23.7534

 53.1566, 51.4575,
21.0954

 58.2584, 41.7782,
18.2198

■ 64.2245, 31.8652,
15.3273

■ 70.9151, 22.0997,
12.5359

■ 78.2089, 12.6662,
9.8987

■ 86.0070, 3.6252,
7.4290

Harmonies

Analogous

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



43.4494, 103.3588, 13.3190



43.4480, 74.4059, 28.0750



43.4494, 27.4838, 30.4146

Triad

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



43.4494, 74.4002, 28.0757



43.4494, -53.7943, 20.7768



43.4494, 11.9739, -150.8718

Complementary

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



43.4480, 74.4059, 28.0750



83.5929, -44.3024, -8.8475

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.



43.4494, -25.7734, -139.5796



43.4480, 74.4059, 28.0750



43.4494, -55.3297, -12.4848

Square

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



43.4494, 74.4002, 28.0757



43.4494, -41.7560, 29.4459



43.4494, -47.1736, -76.7138



43.4494, 59.5554, -100.4738

Rectangle

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



43.4480, 74.4059, 28.0750



43.4494, -2.3232, 30.4146



43.4494, -47.1736, -76.7138



43.4494, -2.3182, -154.7869

Sweetspot

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



43.4494, 74.4002, 28.0757



75.1947, 23.5400, 13.3282



50.2871, 98.8658, -66.3255



33.3614, 12.9020, 6.7376

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



43.4494, 74.4002, 28.0757



46.1101, 78.9571, 29.7951



57.0544, 36.1083, 35.7887



39.6982, 1.4510, 3.3544



31.8466, 54.5300, 20.5783



9.1867, 15.7237, 5.9361

Inverse Universe

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



83.5929, -44.3024, -8.8475



88.7121, -47.0155, -9.3894



44.8171, 12.6357, -83.2940



42.3418, -5.6054, 1.1776



61.2695, -32.4717, -6.4844



17.6725, -9.3665, -1.8694

Previews

White Background



This preview shows how the HunterLab color 43.4480, 74.4059, 28.0750 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 43.4480, 74.4059, 28.0750 looks on a black 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 × Fail

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

HunterLab 43.4480, 74.4059, 28.0750 Background



This preview shows how black text looks on a background with the HunterLab color 43.4480, 74.4059, 28.0750.



This preview shows how white text looks on a background with the HunterLab color 43.4480, 74.4059,

28.0750.

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

43.4480, 74.4059, 28.0750

Protanopia

43.9731, -5.8204, 25.2463

Deuteranopia

44.0009, 2.3960, 27.1551



Tritanopia

43.7025, 71.4674, 28.1804

Trichromacy



Original Color

43.4480, 74.4059, 28.0750

Protanomaly

38.2273, 28.9652, 23.0361

Deuteranomaly

39.1621, 34.9257, 24.7429

Tritanomaly

43.6060, 72.8256, 28.1448

Monochromacy



Original Color

43.4480, 74.4059, 28.0750

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.8693, 28.0588, 11.3444

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 43.4480, 74.4059, 28.0750 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(242, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 0)  
}
```

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(242, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 43.4480, 74.4059, 28.0750 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(242, 0, 0) }
```


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

```
.border{ border-color:rgb(242, 0, 0) }
```

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

Here you see how a box with a 4 pixel rgb(242, 0, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(242, 0, 0); box-shadow:4px  
4px 4px 4px rgb(242, 0, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 43.4480, 74.4059, 28.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 0, 0) }
```

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

```
.background{ background-color: rgb(242, 0,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor