

Converting Colors

HunterLab(47.4329, 74.9093,
29.6884)

Have a look what the booklet for
HunterLab(47.4329, 74.9093,
29.6884) contains.

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Color

**HunterLab(47.4474, 74.8505,
29.7203)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2314
RGB	255, 35, 20
RGB Percent	100%, 14%, 8%
CMY	0.0000, 0.8626, 0.9216
CMYK	0.00, 0.86, 0.92, 0.00
HSL	4°, 100%, 54%
HSV	4°, 92%, 100%
XYZ	41.9673, 22.5126, 2.7952
YIQ	99.0700, 135.9350, 41.9750

Conversions

Conversions Part 2

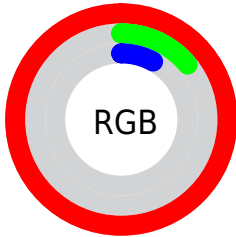
Format	Color
RYB	255, 36, 20
Decimal	16720660
CIELab	54.57, 76.57, 62.67
CIELCh	55, 98.943, 39.299
Yxy	22.5140, 0.6238, 0.3346
Android (android.graphics.Color)	4294910740 (0xFFFF2314)
YUV	99.0700, -38.9815, 136.7506
Hunter-Lab	47.4474, 74.8505, 29.7203

Details

The HunterLab color **47.4474, 74.8505, 29.7203** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **83.4701, -40.2381, -16.4712**, and the grayscale version is **35.4602, -1.8921, 1.9266**.

A 20% lighter version of the original color is **56.7718, 50.4220, 29.6396**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **46.5183, 77.5663, 30.0223**, and if you desaturate by 10%, it is **49.5686, 69.1153, 28.7236**.

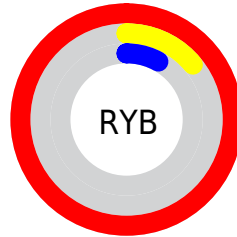
Distribution



Red (100%)

Green (14%)

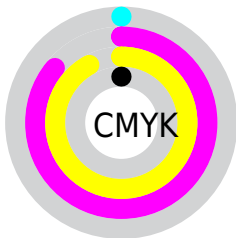
Blue (8%)



Red (100%)

Yellow (14%)

Blue (8%)

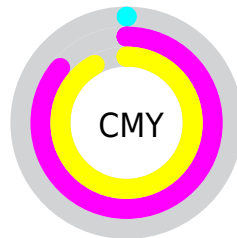


Cyan (0%)

Magenta (86%)

Yellow (92%)

Black (0%)



Cyan (0%)


Magenta (86%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.4474, 74.8505, 29.7203 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 47.4474, 74.8505, 29.7203 by changing the saturation by 10% instead.


 47.4474, 74.8505,
29.7203


 47.4474, 74.8505,
29.7203


162.8554, 93.5214,
65.3188


 37.7294, 72.4378,
24.8529


 68.9884, 79.5764,
38.7355


 28.7825, 70.1183,
20.1478


 80.7242, 81.8346,
42.9365


 20.6819, 68.1171,
14.4773

 93.0589, 84.0050,
46.9698

 13.5275, 67.0431,
9.4692

 105.9649, 86.0846,
50.8588

 7.1114, 73.6393,
4.9780

 119.4178, 88.0737,
54.6229


0.0000, INF, NaN

0.0000, INF, NaN

 133.3962, 89.9743,


58.2788


0.0000, NaN, NaN


 147.8811, 91.7891,
61.8402


0.0000, NaN, NaN


 47.4474, 74.8505,
29.7203


 47.4474, 74.8505,
29.7203


 46.5183, 77.5663,
30.0223

 49.5686, 69.1153,
28.7236

 52.7878, 61.3170,
26.9055

 57.0553, 52.1812,
24.4451

 62.2613, 42.4244,
21.5742

 68.2766, 32.5749,
18.4925

74.9764, 22.9479,
15.3382

82.2520, 13.6936,
12.1936

90.0136, 4.8581,
9.1005

98.1882, -3.5686,
6.0760

Harmonies

Analogous

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



47.4489, 102.5409, 13.1409



47.4474, 74.8505, 29.7203



47.4489, 28.5507, 33.0808

Triad

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



47.4489, 74.8447, 29.7211



47.4489, -55.9277, 22.1330



47.4489, 10.8386, -146.1826

Complementary

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



47.4474, 74.8505, 29.7203



83.4701, -40.2381, -16.4712

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.



47.4489, -27.2331, -133.9848



47.4474, 74.8505, 29.7203



47.4489, -57.8362, -11.1489

Square

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



47.4489, 74.8447, 29.7211



47.4489, -42.7433, 31.6539



47.4489, -49.3077, -73.3133



47.4489, 58.1768, -99.2740

Rectangle

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



47.4474, 74.8505, 29.7203



47.4489, -1.5694, 33.2142



47.4489, -49.3077, -73.3133



47.4489, -3.4915, -149.3740

Sweetspot

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



47.4489, 74.8447, 29.7211



77.9366, 19.0516, 14.0268



53.1472, 100.8006, -60.3010



34.6363, 10.6862, 7.1194

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.4489, 74.8447, 29.7211



46.5185, 77.5666, 30.0224



65.4861, 27.5561, 40.2354



42.6302, 1.1957, 3.8360



33.7303, 55.7181, 21.7599



10.8172, 16.4223, 6.9530

Inverse Universe

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



83.4701, -40.2381, -16.4712



82.9302, -40.0318, -17.2384



47.1449, 15.0562, -89.6647



45.0230, -5.6444, 0.9774



60.0176, -29.0247, -12.3609



18.8811, -9.2452, -3.6420

Previews

White Background



This preview shows how the HunterLab color 47.4474, 74.8505, 29.7203 looks on a white background.

Color Contrast Check

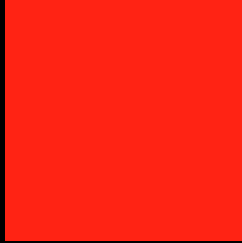
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.4474, 74.8505, 29.7203 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 47.4474, 74.8505, 29.7203 Background



This preview shows how black text looks on a background with the HunterLab color 47.4474, 74.8505, 29.7203.



This preview shows how white text looks on a background with the HunterLab color 47.4474, 74.8505,

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

47.4474, 74.8505, 29.7203

Protanopia

47.5350, -6.0214, 26.5688

Deuteranopia

47.3441, 2.8261, 29.2227



Tritanopia

47.4318, 75.2272, 29.0089

Trichromacy



Original Color

47.4474, 74.8505, 29.7203

Protanomaly

43.4910, 25.2961, 25.2803

Deuteranomaly

44.3570, 31.6485, 27.6179

Tritanomaly

47.4116, 75.1496, 29.3083

Monochromacy



Original Color

47.4474, 74.8505, 29.7203

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.6076, 24.9137, 12.7292

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4474, 74.8505, 29.7203 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(255, 35, 20)` looks like.

```
.text, #text, p{  
    color:rgb(255, 35, 20)  
}
```

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(255, 35, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 35, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4474, 74.8505, 29.7203 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(255, 35, 20) }
```


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

```
.border{ border-color:rgb(255, 35, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 35, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 35, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 35, 20);  
box-shadow:4px 4px 4px 4px rgb(255, 35,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4474, 74.8505, 29.7203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 35, 20) }
```

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

```
.background{ background-color: rgb(255, 35,  
20) }
```

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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