

Converting Colors

HunterLab(47.5728, 75.0010,
28.5766)

Have a look what the booklet for
HunterLab(47.5728, 75.0010,
28.5766) contains.

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Color

**HunterLab(47.5911, 74.9551,
28.5583)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2424
RGB	255, 36, 36
RGB Percent	100%, 14%, 14%
CMY	0.0000, 0.8587, 0.8588
CMYK	0.00, 0.86, 0.86, 0.00
HSL	0°, 100%, 57%
HSV	0°, 86%, 100%
XYZ	42.1893, 22.6491, 3.8171
YIQ	101.4810, 130.5240, 46.4280

Conversions

Conversions Part 2

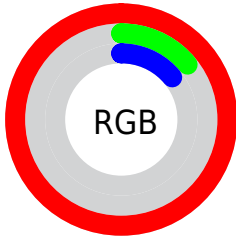
Format	Color
R_{YB}	255, 36, 36
Decimal	16720932
CIE Lab	54.71, 76.62, 56.46
CIE LCh	55, 95.176, 36.383
Yxy	22.6506, 0.6145, 0.3299
Android (android.graphics.Color)	4294911012 (0xFFFF2424)
YUV	101.4810, -32.2821, 134.6362
Hunter-Lab	47.5911, 74.9551, 28.5583

Details

The HunterLab color **47.5911, 74.9551, 28.5583** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **88.9371, -46.1983, -9.0760**, and the grayscale version is **36.3438, -1.9392, 1.9746**.

A 20% lighter version of the original color is **57.1185, 50.6804, 27.3770**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **46.3805, 78.2105, 29.5631**, and if you desaturate by 10%, it is **49.9958, 68.8592, 26.6929**.

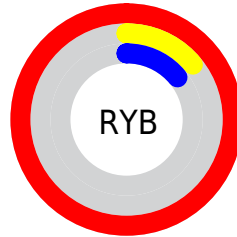
Distribution



Red (100%)

Green (14%)

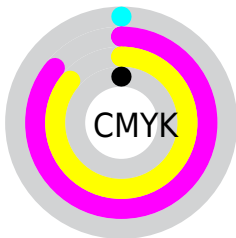
Blue (14%)



Red (100%)

Yellow (14%)

Blue (14%)

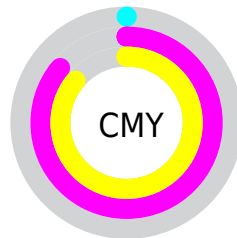


Cyan (0%)

Magenta (86%)

Yellow (86%)

Black (0%)



Cyan (0%)


Magenta (86%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.5911, 74.9551, 28.5583 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 47.5911, 74.9551, 28.5583 by changing the saturation by 10% instead.


 47.5911, 74.9551,
28.5583


 47.5911, 74.9551,
28.5583


163.0721, 93.6290,
61.0042


 37.8625, 72.5413,
24.1146


 69.1512, 79.6818,
36.7568


 28.9042, 70.2192,
19.7468


 80.8957, 81.9403,
40.5754


 20.7909, 68.2116,
14.5536

 93.2388, 84.1109,
44.2445

 13.6221, 67.1196,
9.5355

 106.1527, 86.1908,
47.7863

 7.2214, 73.1716,
5.0550

 119.6132, 88.1802,
51.2193

0.0000, INF, NaN

0.0000, INF, NaN

 133.5990, 90.0811,

54.5586

0.0000, NaN, NaN

148.0910, 91.8963,
57.8167

0.0000, NaN, NaN

47.5911, 74.9551,
28.5583

47.5911, 74.9551,
28.5583

46.3805, 78.2105,
29.5631

49.9958, 68.8592,
26.6929


46.1091, 78.9596,
29.7945


53.6354, 60.4578,
24.1408


58.4325, 50.6166,
21.1892

64.2462, 40.1508,
18.1012

70.9213, 29.6273,
15.0557

 78.3151, 19.3608,
12.1478

 86.3073, 9.4865,
9.4144

 94.8009, 0.0346,
6.8585

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



47.5926, 98.3749, 9.9157



47.5911, 74.9551, 28.5583



47.5926, 31.7122, 32.6943

Triad

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



47.5926, 74.9493, 28.5591



47.5926, -53.9106, 23.3423



47.5926, 6.1623, -138.7500

Complementary

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



47.5911, 74.9551, 28.5583



88.9371, -46.1983, -9.0760

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.



47.5926, -29.2136, -121.7428



47.5911, 74.9551, 28.5583



47.5926, -56.8003, -6.1229

Square

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



47.5926, 74.9493, 28.5591



47.5926, -39.6134, 31.7396



47.5926, -49.4134, -62.9091



47.5926, 51.1519, -99.3780

Rectangle

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



47.5911, 74.9551, 28.5583



47.5926, 2.3254, 33.3148



47.5926, -49.4134, -62.9091



47.5926, -7.2212, -139.7061

Sweetspot

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



47.5926, 74.9493, 28.5591



78.2245, 19.4798, 12.1812



54.5358, 100.6866, -67.4870



34.9725, 10.6396, 6.0932

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.5926, 74.9493, 28.5591



46.1093, 78.9599, 29.7946



64.6460, 29.7888, 38.8253



42.4116, 1.5778, 3.5922



33.3306, 57.0759, 21.5374



10.4009, 17.8078, 6.7207

Inverse Universe

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



88.9371, -46.1983, -9.0760



88.7248, -47.0305, -9.3728



52.9140, 5.1595, -73.3112



45.2561, -6.0140, 1.2518



64.1354, -33.9965, -6.7750



20.0129, -10.6085, -2.1137

Previews

White Background



This preview shows how the HunterLab color 47.5911, 74.9551, 28.5583 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 47.5911, 74.9551, 28.5583 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 47.5911, 74.9551, 28.5583 Background



This preview shows how black text looks on a background with the HunterLab color 47.5911, 74.9551, 28.5583.



This preview shows how white text looks on a background with the HunterLab color 47.5911, 74.9551,

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

47.5911, 74.9551, 28.5583

Protanopia

47.8738, -5.9678, 24.4376

Deuteranopia

47.7223, 2.7373, 29.4542



Tritanopia

47.5726, 74.8840, 28.8318

Trichromacy



Original Color

47.5911, 74.9551, 28.5583

Protanomaly

43.8392, 25.4814, 23.3785

Deuteranomaly

44.5685, 31.2462, 27.5034

Tritanomaly

47.5786, 74.9070, 28.7432

Monochromacy



Original Color

47.5911, 74.9551, 28.5583

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.0717, 25.4427, 11.1321

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5911, 74.9551, 28.5583 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, 36, 36)` looks like.

```
.text, #text, p{  
    color:rgb(255, 36, 36)  
}
```

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, 36, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 36, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5911, 74.9551, 28.5583 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, 36, 36) }
```


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

```
.border{ border-color:rgb(255, 36, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 36, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 36, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 36, 36);  
box-shadow:4px 4px 4px 4px rgb(255, 36,  
36) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5911, 74.9551, 28.5583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 36, 36) }
```

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

```
.background{ background-color: rgb(255, 36,  
36) }
```

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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