

Converting Colors

HunterLab(47.5933, 69.6704,
26.7872)

Have a look what the booklet for
HunterLab(47.5933, 69.6704,
26.7872) contains.

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Color

**HunterLab(47.5933, 69.6704,
26.7872)**

Conversions

Conversions Part 1

Format	Color
Hex	F93232
RGB	249, 50, 50
RGB Percent	98%, 20%, 20%
CMY	0.0235, 0.8039, 0.8039
CMYK	0.00, 0.80, 0.80, 0.02
HSL	0°, 94%, 59%
HSV	0°, 80%, 98%
XYZ	40.7832, 22.6512, 5.2402
YIQ	109.5010, 118.6040, 42.1880

Conversions

Conversions Part 2

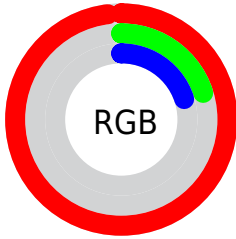
Format	Color
R_{YB}	249, 50, 50
Decimal	16331314
CIE _{Lab}	54.71, 72.33, 49.17
CIE _{LCh}	55, 87.459, 34.207
Yxy	22.6526, 0.5938, 0.3298
Android (android.graphics.Color)	4294521394 (0xFFFF93232)
YUV	109.5010, -29.3340, 122.3406
Hunter-Lab	47.5933, 69.6704, 26.7872

Details

The HunterLab color **47.5933, 69.6704, 26.7872** 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 **86.7513, -44.2343, -8.5705**, and the grayscale version is **39.3769, -2.1011, 2.1394**.

A 20% lighter version of the original color is **58.6543, 48.2252, 25.3063**, and **31.7428, 54.3881, 20.2974** is the 20% darker color. If you saturate the color by 10%, you get **45.7281, 74.5288, 28.2823**, and if you desaturate by 10%, it is **50.6626, 62.2918, 24.5392**.

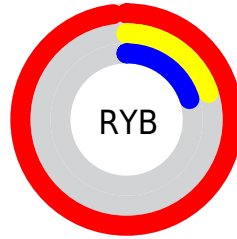
Distribution



Red (98%)

Green (20%)

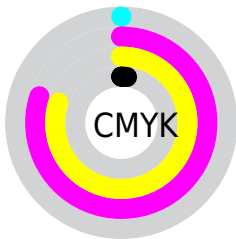
Blue (20%)



Red (98%)

Yellow (20%)

Blue (20%)

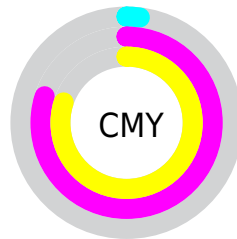


Cyan (0%)

Magenta (80%)

Yellow (80%)

Black (2%)



Cyan (2%)


Magenta (80%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.5933, 69.6704, 26.7872 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 47.5933, 69.6704, 26.7872 by changing the saturation by 10% instead.


 47.5933, 69.6704,
26.7872


 47.5933, 69.6704,
26.7872


163.0754, 87.3180,
55.5622


 37.8645, 67.3230,
22.8600

 69.1537, 74.2037,
34.0187


 28.9060, 65.0241,
18.7025


 80.8983, 76.3500,
37.3910


 20.7926, 62.9575,
14.5548

 93.2415, 78.4036,
40.6371

 13.6235, 61.6273,
9.5365

 106.1555, 80.3638,
43.7771

 7.2231, 66.6715,
5.0561

 119.6161, 82.2323,
46.8275

0.0000, INF, NaN

0.0000, INF, NaN

 133.6020, 84.0118,

49.8016

0.0000, NaN, NaN

148.0941, 85.7059,
52.7101

0.0000, NaN, NaN

■ 47.5933, 69.6704,
26.7872

■ 47.5933, 69.6704,
26.7872

■ 45.7281, 74.5288,
28.2823

■ 50.6626, 62.2918,
24.5392

■ 44.8830, 76.8369,
28.9942

■ 54.8948, 53.1745,
21.7895


■ 44.8777, 76.8517,
28.9988


■ 60.1721, 43.1606,
18.8144


■ 66.3452, 32.9039,
15.8223

■ 73.2690, 22.8002,
12.9354

 80.8177, 13.0406,
10.2088

 88.8886, 3.6879,
7.6561

 97.3996, -5.2640,
5.2694

 99.4382, -7.2955,
4.7358

Harmonies

Analogous

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



47.5948, 88.5119, 7.1907



47.5933, 69.6704, 26.7872



47.5948, 31.6370, 31.9520

Triad

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



47.5948, 69.6650, 26.7880



47.5948, -50.3507, 23.3162



47.5948, 2.6652, -121.7845

Complementary

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



47.5933, 69.6704, 26.7872



86.7513, -44.2343, -8.5705

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.



47.5948, -29.1686, -103.6773



47.5933, 69.6704, 26.7872



47.5948, -53.9196, -2.5198

Square

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



47.5948, 69.6650, 26.7880



47.5948, -35.6550, 31.2488



47.5948, -47.4656, -51.5897



47.5948, 43.1784, -90.9525

Rectangle

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



47.5933, 69.6704, 26.7872



47.5948, 4.6792, 32.6788



47.5948, -47.4656, -51.5897



47.5948, -9.3570, -121.3155

Sweetspot

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



47.5948, 69.6650, 26.7880



79.7766, 17.4716, 11.6191



54.0929, 94.4405, -63.2474



35.6362, 9.7445, 5.8406

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.5948, 69.6650, 26.7880



46.3727, 78.2331, 29.5697



64.8254, 25.5247, 37.6319



41.5036, 1.5358, 3.5124



32.8342, 56.2268, 21.2166



9.9929, 17.1102, 6.4571

Inverse Universe

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



86.7513, -44.2343, -8.5705



88.7651, -46.8878, -9.3167



54.0103, 2.1211, -65.0647



44.2813, -5.8777, 1.2273



63.1826, -33.4928, -6.6715



19.2286, -10.1931, -2.0301

Previews

White Background



This preview shows how the HunterLab color 47.5933, 69.6704, 26.7872 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 47.5933, 69.6704, 26.7872 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 47.5933, 69.6704, 26.7872 Background



This preview shows how black text looks on a background with the HunterLab color 47.5933, 69.6704, 26.7872.



This preview shows how white text looks on a background with the HunterLab color 47.5933, 69.6704,

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

47.5933, 69.6704, 26.7872

Protanopia

47.5846, -5.1709, 21.3770

Deuteranopia

47.7246, 2.9750, 27.6722



Tritanopia

47.5933, 69.6704, 26.7872

Trichromacy



Original Color

47.5933, 69.6704, 26.7872

Protanomaly

44.5303, 22.2722, 21.1706

Deuteranomaly

45.4066, 28.6403, 25.9744

Tritanomaly

47.5933, 69.6704, 26.7872

Monochromacy



Original Color

47.5933, 69.6704, 26.7872

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.0655, 22.7881, 10.4586

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5933, 69.6704, 26.7872 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(249, 50, 50)` looks like.

```
.text, #text, p{  
    color:rgb(249, 50, 50)  
}
```

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(249, 50, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 50, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5933, 69.6704, 26.7872 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(249, 50, 50) }
```


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

```
.border{ border-color:rgb(249, 50, 50) }
```

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

Here you see how a box with a 4 pixel rgb(249, 50, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 50, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 50, 50);  
box-shadow:4px 4px 4px 4px rgb(249, 50,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5933, 69.6704, 26.7872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 50, 50) }
```

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

```
.background{ background-color: rgb(249, 50,  
50) }
```

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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