

Converting Colors

HunterLab(49.7463, 70.0115,
25.7115)

Have a look what the booklet for
HunterLab(49.7463, 70.0115,
25.7115) contains.

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Color

**HunterLab(49.7808, 69.8927,
25.7595)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3B42
RGB	255, 59, 66
RGB Percent	100%, 23%, 26%
CMY	0.0000, 0.7686, 0.7412
CMYK	0.00, 0.77, 0.74, 0.00
HSL	358°, 100%, 62%
HSV	358°, 77%, 100%
XYZ	43.7873, 24.7813, 7.6296
YIQ	118.4020, 114.5690, 43.7290

Conversions

Conversions Part 2

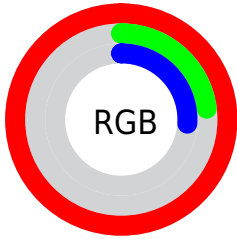
Format	Color
R_{YB}	255, 59, 66
Decimal	16726850
CIE Lab	56.86, 72.10, 43.17
CIE LCh	57, 84.038, 30.911
Yxy	24.7828, 0.5746, 0.3252
Android (android.graphics.Color)	4294916930 (0xFFFF3B42)
YUV	118.4020, -25.8342, 119.7964
Hunter-Lab	49.7808, 69.8927, 25.7595

Details

The HunterLab color **49.7808, 69.8927, 25.7595** 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 **89.0101, -46.4541, -5.1283**, and the grayscale version is **42.7876, -2.2830, 2.3247**.

A 20% lighter version of the original color is **60.3464, 46.1177, 22.0568**, and **33.1739, 56.9859, 20.0826** is the 20% darker color. If you saturate the color by 10%, you get **47.4757, 75.6023, 27.9110**, and if you desaturate by 10%, it is **53.3190, 61.7638, 23.0327**.

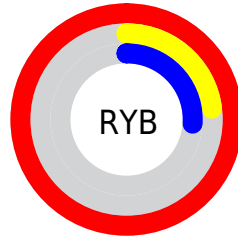
Distribution



Red (100%)

Green (23%)

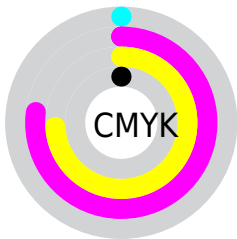
Blue (26%)



Red (100%)

Yellow (23%)

Blue (26%)

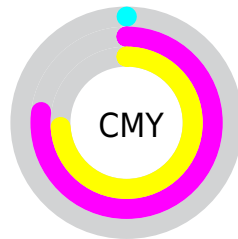


Cyan (0%)

Magenta (77%)

Yellow (74%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.7808, 69.8927, 25.7595 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 49.7808, 69.8927, 25.7595 by changing the saturation by 10% instead.


 49.7808, 69.8927,
25.7595


 49.7808, 69.8927,
25.7595


166.3594, 87.3200,
51.3645


 39.8940, 67.5528,
22.3158


 71.6272, 74.3836,
32.1238


 30.7640, 65.2363,
18.6389


 83.5031, 76.5041,
35.1066

 22.4615, 63.0923,
15.1427

 95.9713, 78.5312,
37.9877

 15.0792, 61.5193,
10.5554

 109.0048, 80.4650,
40.7845

 8.7166, 62.1272,
6.1016

 122.5801, 82.3075,
43.5105

0.0000, INF, NaN

0.0000, INF, NaN

136.6764, 84.0618,

46.1768

0.0000, NaN, NaN

151.2750, 85.7314,
48.7923

0.0000, NaN, NaN

■ 49.7808, 69.8927,
25.7595

■ 49.7808, 69.8927,
25.7595

■ 47.4757, 75.6023,
27.9110

■ 53.3190, 61.7638,
23.0327

■ 46.3398, 78.4793,
29.2593

■ 58.0148, 52.0754,
20.0275

■ 46.1300, 79.0422,
29.4735

■ 63.7329, 41.6482,
17.0010

■ 70.3197, 31.0755,
14.1157

■ 77.6322, 20.6987,
11.4489

■ 85.5491, 10.6734,
9.0208

■ 93.9725, 1.0438,
6.8212

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.



49.7823, 84.8872, 3.7245



49.7808, 69.8927, 25.7595



49.7823, 34.7770, 32.5436

Triad

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



49.7823, 69.8873, 25.7604



49.7823, -49.1328, 24.9735



49.7823, -1.5763, -114.5290

Complementary

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



49.7808, 69.8927, 25.7595



89.0101, -46.4541, -5.1283

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.



49.7823, -31.5188, -93.0184



49.7808, 69.8927, 25.7595



49.7823, -53.9303, 1.6733

Square

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



49.7823, 69.8873, 25.7604



49.7823, -32.9200, 32.3620



49.7823, -48.4964, -43.1123



49.7823, 37.1773, -90.4607

Rectangle

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



49.7808, 69.8927, 25.7595



49.7823, 8.5103, 33.5906



49.7823, -48.4964, -43.1123



49.7823, -12.9227, -112.3075

Sweetspot

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



49.7823, 69.8873, 25.7604



80.6198, 16.7868, 10.4844



54.5876, 91.9745, -67.5102



36.0025, 9.4611, 5.2681

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.7823, 69.8873, 25.7604



46.7569, 77.4316, 28.7126



65.1983, 29.6260, 36.9288



42.4235, 1.6449, 3.4155



33.3523, 57.1616, 21.2043



10.4240, 17.8992, 6.3655

Inverse Universe

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



49.7823, 69.8873, 25.7604



46.7569, 77.4316, 28.7126



59.7637, -4.1182, -57.1033



42.4235, 1.6449, 3.4155



33.3523, 57.1616, 21.2043



10.4240, 17.8992, 6.3655

Previews

White Background



This preview shows how the HunterLab color 49.7808, 69.8927, 25.7595 looks on a white background.

Color Contrast Check

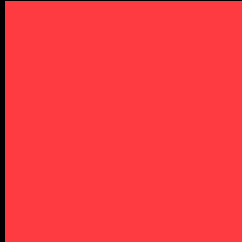
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7808, 69.8927, 25.7595 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 49.7808, 69.8927, 25.7595 Background



This preview shows how black text looks on a background with the HunterLab color 49.7808, 69.8927, 25.7595.



This preview shows how white text looks on a background with the HunterLab color 49.7808, 69.8927,

25.7595.

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

49.7808, 69.8927, 25.7595

Protanopia

49.9425, -5.0279, 18.9363

Deuteranopia

49.7678, 3.3001, 26.7119



Tritanopia

49.8283, 69.3403, 26.6647

Trichromacy



Original Color

49.7808, 69.8927, 25.7595

Protanomaly

47.0226, 22.0453, 19.2959

Deuteranomaly

47.5643, 28.6017, 24.8198

Tritanomaly

49.8504, 69.4291, 26.3399

Monochromacy



Original Color

49.7808, 69.8927, 25.7595

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.1605, 22.2222, 9.7677

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7808, 69.8927, 25.7595 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, 59, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 66)  
}
```

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, 59, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7808, 69.8927, 25.7595 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, 59, 66) }
```


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

```
.border{ border-color:rgb(255, 59, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 59, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7808, 69.8927, 25.7595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 66) }
```

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

```
.background{ background-color: rgb(255, 59,  
66) }
```

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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