

Converting Colors

HunterLab(63.1993, 69.8140,
31.3104)

Have a look what the booklet for
HunterLab(63.1993, 69.8140,
31.3104) contains.

HunterLab(56.2866, 53.3816, 25.6625)	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(56.2866, 53.3816,
25.6625)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6759
RGB	255, 103, 89
RGB Percent	100%, 40%, 35%
CMY	0.0000, 0.5960, 0.6510
CMYK	0.00, 0.60, 0.65, 0.00
HSL	5°, 100%, 67%
HSV	5°, 65%, 100%
XYZ	47.8935, 31.6818, 13.0422
YIQ	146.8520, 95.0860, 27.8700

Conversions

Conversions Part 2

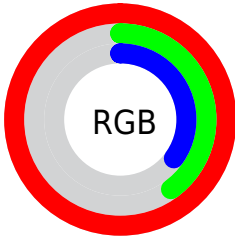
Format	Color
R_{YB}	255, 104, 89
Decimal	16738137
CIE _{Lab}	63.08, 57.02, 37.76
CIE _{LCh}	63, 68.383, 33.513
Yxy	31.6836, 0.5171, 0.3421
Android (android.graphics.Color)	4294928217 (0xFFFF6759)
YUV	146.8520, -28.5210, 94.8458
Hunter-Lab	56.2866, 53.3816, 25.6625

Details

The HunterLab color **56.2866, 53.3816, 25.6625** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **84.9995, -36.1413, -14.2481**, and the grayscale version is **54.0422, -2.8836, 2.9362**.

A 20% lighter version of the original color is **69.2245, 29.1832, 22.2461**, and **36.4111, 49.5871, 19.5828** is the 20% darker color. If you saturate the color by 10%, you get **52.2612, 62.2252, 27.8736**, and if you desaturate by 10%, it is **61.2369, 43.8637, 22.9431**.

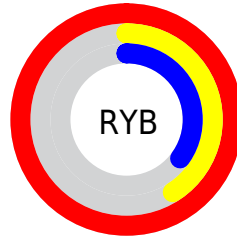
Distribution



Red (100%)

Green (40%)

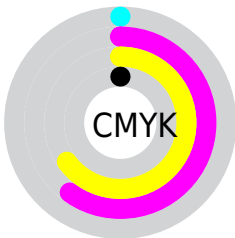
Blue (35%)



Red (100%)

Yellow (41%)

Blue (35%)

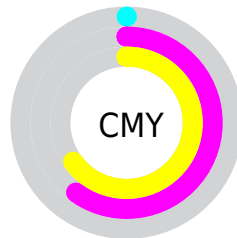


Cyan (0%)

Magenta (60%)

Yellow (65%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.2866, 53.3816, 25.6625 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 56.2866, 53.3816, 25.6625 by changing the saturation by 10% instead.


 56.2866, 53.3816,
25.6625


 56.2866, 53.3816,
25.6625


175.9760, 66.2964,
48.2490

 45.9564, 51.4575,
22.7168


 78.9397, 56.9029,
31.1685


 36.3479, 49.4445,
19.5944


 91.1872, 58.5116,
33.7760


 27.5218, 47.3710,
16.2471


 104.0097, 60.0231,
36.3101

 19.5548, 45.3318,
13.2563

 117.3827, 61.4425,
38.7837

 12.5521, 43.6115,
8.7865

 131.2842, 62.7748,
41.2069

 5.8398, 52.5483,
4.0879

145.6949, 64.0250,

0.0000, INF, NaN

43.5879

0.0000, NaN, NaN

160.5974, 65.1975,
45.9334

0.0000, NaN, NaN

■ 56.2866, 53.3816,
25.6625

■ 56.2866, 53.3816,
25.6625

■ 52.2612, 62.2252,
27.8736

■ 61.2369, 43.8637,
22.9431

■ 49.2531, 69.7142,
29.3624

■ 66.9868, 34.2162,
19.9154

■ 47.3006, 75.1629,
30.0058

■ 73.4184, 24.7632,
16.7330

■ 46.7071, 76.9301,
30.1275

■ 80.4257, 15.6692,
13.4949

■ 87.9198, 6.9916,
10.2582

95.8283, -1.2724,
7.0517

99.9999, -5.3359,
5.4331

Harmonies

Analogous

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



56.2882, 66.6149, 6.3119



56.2866, 53.3816, 25.6625



56.2882, 24.9896, 33.3195

Triad

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



56.2882, 53.3769, 25.6634



56.2882, -45.7647, 22.4009



56.2882, 0.5585, -83.3853

Complementary

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



56.2866, 53.3816, 25.6625



84.9995, -36.1413, -14.2481

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.



56.2882, -26.4152, -71.1258



56.2866, 53.3816, 25.6625



56.2882, -49.6533, -0.3900

Square

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



56.2882, 53.3769, 25.6634



56.2882, -31.3546, 32.2443



56.2882, -43.3586, -36.2539



56.2882, 32.3717, -64.2414

Rectangle

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



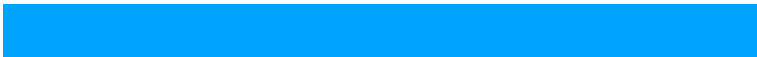
56.2866, 53.3816, 25.6625



56.2882, 3.6356, 34.8138



56.2882, -43.3586, -36.2539



56.2882, -9.3541, -82.8292

Sweetspot

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



56.2882, 53.3769, 25.6634



84.1901, 11.1930, 11.8425



58.9624, 80.6193, -46.0686



37.9830, 6.3140, 5.9003

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.2882, 53.3769, 25.6634



51.2801, 64.5718, 28.3884



75.5175, 11.0058, 39.3057



42.7004, 1.0735, 3.9140



33.8874, 55.1912, 21.8474



10.9472, 16.0057, 7.0258

Inverse Universe

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



84.9995, -36.1413, -14.2481



83.2695, -37.8456, -16.7154



58.1848, 3.7869, -60.4849



44.9485, -5.5259, 0.8893



58.7160, -27.4111, -14.2172



18.5227, -8.8035, -4.1475

Previews

White Background



This preview shows how the HunterLab color 56.2866, 53.3816, 25.6625 looks on a white background.

Color Contrast Check

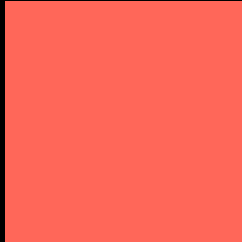
Large Text (above 18pt) WCAG AA × Fail

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 56.2866, 53.3816, 25.6625 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 ✓ Pass

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

HunterLab 56.2866, 53.3816, 25.6625 Background



This preview shows how black text looks on a background with the HunterLab color 56.2866, 53.3816, 25.6625.



This preview shows how white text looks on a background with the HunterLab color 56.2866, 53.3816,

25.6625.

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

56.2866, 53.3816, 25.6625

Protanopia

56.4487, -5.1374, 19.7920

Deuteranopia

56.4298, 4.0625, 26.6637



Tritanopia

56.2396, 55.6668, 20.9647

Trichromacy



Original Color

56.2866, 53.3816, 25.6625

Protanomaly

55.0212, 14.9945, 20.8992

Deuteranomaly

55.3194, 21.7219, 25.4783

Tritanomaly

56.2875, 54.6401, 22.9410

Monochromacy



Original Color

56.2866, 53.3816, 25.6625

Achromatopsia

54.0158, -2.8821, 2.9348

Achromatomaly

53.0830, 15.1533, 10.9281

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.2866, 53.3816, 25.6625 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, 103, 89)` looks like.

```
.text, #text, p{  
    color:rgb(255, 103, 89)  
}
```

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, 103, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 103, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 56.2866, 53.3816, 25.6625 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, 103, 89) }
```


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

```
.border{ border-color:rgb(255, 103, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 103, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 103, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 103, 89);  
box-shadow:4px 4px 4px 4px rgb(255, 103,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.2866, 53.3816, 25.6625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 103, 89) }
```

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

```
.background{ background-color: rgb(255,  
103, 89) }
```

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