

Converting Colors

HunterLab(51.9605, 42.8418,
23.6587)

Have a look what the booklet for
HunterLab(51.9605, 42.8418,
23.6587) contains.

HunterLab(51.8989, 42.9946, 23.6131)	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(51.8989, 42.9946,
23.6131)**

Conversions

Conversions Part 1

Format	Color
Hex	E66652
RGB	230, 102, 82
RGB Percent	90%, 40%, 32%
CMY	0.0980, 0.6000, 0.6784
CMYK	0.00, 0.56, 0.64, 0.10
HSL	8°, 75%, 61%
HSV	8°, 64%, 90%
XYZ	38.9075, 26.9350, 11.1309
YIQ	137.9920, 82.7080, 20.9160

Conversions

Conversions Part 2

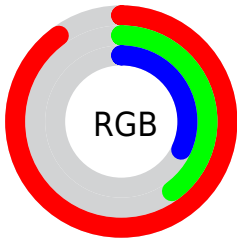
Format	Color
R_{YB}	230, 105, 82
Decimal	15099474
CIE _{Lab}	58.92, 48.34, 35.65
CIE _{LCh}	59, 60.064, 36.405
Yxy	26.9364, 0.5055, 0.3499
Android (android.graphics.Color)	4293289554 (0xFFE66652)
YUV	137.9920, -27.6041, 80.6910
Hunter-Lab	51.8989, 42.9946, 23.6131

Details

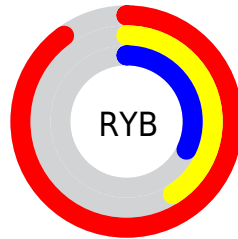
The HunterLab color **51.8989, 42.9946, 23.6131** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **73.2096, -28.6202, -16.0183**, and the grayscale version is **50.4950, -2.6943, 2.7435**.

A 20% lighter version of the original color is **68.3395, 30.0537, 23.6975**, and **32.5056, 39.3451, 17.6742** is the 20% darker color. If you saturate the color by 10%, you get **48.1570, 50.8263, 25.4695**, and if you desaturate by 10%, it is **56.3357, 34.9016, 21.2591**.

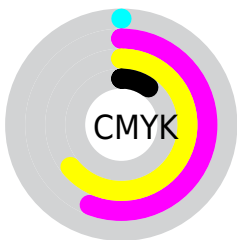
Distribution



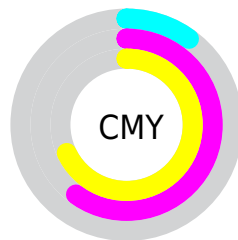
- Red (90%)
- Green (40%)
- Blue (32%)



- Red (90%)
- Yellow (41%)
- Blue (32%)



- Cyan (0%)
- Magenta (56%)
- Yellow (64%)
- Black (10%)



- Cyan (10%)
- Magenta (60%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8989, 42.9946, 23.6131 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 51.8989, 42.9946, 23.6131 by changing the saturation by 10% instead.

51.8989, 42.9946,
23.6131

51.8989, 42.9946,
23.6131

169.5138, 53.7023,
45.4411

41.8635, 41.3033,
20.7501

74.0148, 46.0275,
28.9456

32.5728, 39.5049,
17.7039

86.0146, 47.3869,
31.4658

24.0939, 37.6169,
14.4208

98.6008, 48.6489,
33.9135

16.5135, 35.7169,
11.5595

111.7474, 49.8198,
36.3017

9.9544, 34.0814,
6.9681

125.4312, 50.9054,
38.6411

0.0000, INF, NaN

0.0000, INF, NaN

139.6320, 51.9112,

40.9397

0.0000, NaN, NaN

154.3317, 52.8421,
43.2046

0.0000, NaN, NaN

■ 51.8989, 42.9946,
23.6131

■ 51.8989, 42.9946,
23.6131

■ 48.1570, 50.8263,
25.4695

■ 56.3357, 34.9016,
21.2591

■ 45.1888, 57.9343,
26.6693

■ 61.3717, 26.8882,
18.5580

■ 43.0486, 63.7607,
27.1181

■ 66.9219, 19.1397,
15.6325

■ 42.1992, 66.2697,
27.1631

■ 72.9104, 11.7422,
12.5687

■ 79.2736, 4.7167,
9.4228

85.9589, -1.9514,
6.2301

92.9239, -8.2935,
3.0111

97.7563, -13.2313,
2.6249

Harmonies

Analogous

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



51.9003, 55.6392, 7.7733



51.8989, 42.9946, 23.6131



51.9003, 18.3965, 29.9984

Triad

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



51.9003, 42.9906, 23.6139



51.9003, -40.5607, 18.2681



51.9003, 2.8236, -68.3965

Complementary

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



51.8989, 42.9946, 23.6131



73.2096, -28.6202, -16.0183

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.



51.9003, -21.0119, -60.8547



51.8989, 42.9946, 23.6131



51.9003, -43.1315, -2.6641

Square

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



51.9003, 42.9906, 23.6139



51.9003, -28.8327, 28.1215



51.9003, -36.6938, -33.2754



51.9003, 29.7270, -50.6311

Rectangle

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



51.8989, 42.9946, 23.6131



51.9003, 0.3453, 31.1737



51.9003, -36.6938, -33.2754



51.9003, -5.8175, -68.8241

Sweetspot

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



51.9003, 42.9906, 23.6139



85.6631, 9.0102, 12.2848



52.4634, 69.1771, -35.5647



38.6857, 5.2261, 6.1532

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.9003, 42.9906, 23.6139



53.0091, 59.7214, 29.1346



69.5545, 5.6443, 36.1532



38.3151, 0.6553, 3.6524



31.9106, 49.3432, 20.5270



9.2384, 11.6574, 5.8967

Inverse Universe

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



73.2096, -28.6202, -16.0183



79.9234, -33.3285, -21.5184



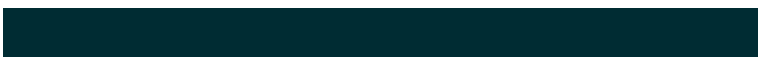
50.1903, 6.7847, -57.3896



39.9832, -4.6453, 0.6161



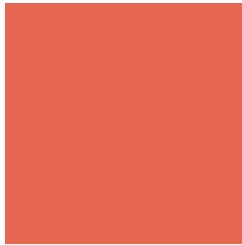
51.4469, -21.6711, -17.5225



14.3117, -6.3102, -4.2666

Previews

White Background



This preview shows how the HunterLab color 51.8989, 42.9946, 23.6131 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 51.8989, 42.9946, 23.6131 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 51.8989, 42.9946, 23.6131 Background



This preview shows how black text looks on a background with the HunterLab color 51.8989, 42.9946, 23.6131.



This preview shows how white text looks on a background with the HunterLab color 51.8989, 42.9946,

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

51.8989, 42.9946, 23.6131

Protanopia

52.0376, -4.7716, 19.0964

Deuteranopia

52.0853, 3.3152, 24.3695



Tritanopia

51.8966, 46.6477, 17.5265

Trichromacy



Original Color

51.8989, 42.9946, 23.6131

Protanomaly

50.8886, 12.0095, 19.7708

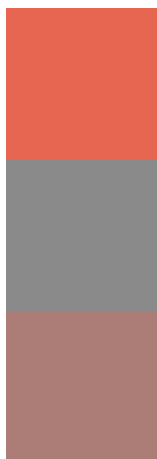
Deuteranomaly

51.4147, 17.0622, 23.6684

Tritanomaly

51.9291, 45.4843, 19.8824

Monochromacy



Original Color

51.8989, 42.9946, 23.6131

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

49.6318, 11.6816, 10.3126

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8989, 42.9946, 23.6131 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(230, 102, 82)` looks like.

```
.text, #text, p{  
    color:rgb(230, 102, 82)  
}
```

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(230, 102, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 102, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8989, 42.9946, 23.6131 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(230, 102, 82) }
```


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

```
.border{ border-color:rgb(230, 102, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 102, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 102, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 102, 82);  
box-shadow:4px 4px 4px 4px rgb(230, 102,  
82) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8989, 42.9946, 23.6131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 102, 82) }
```

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

```
.background{ background-color: rgb(230,  
102, 82) }
```

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