

# Converting Colors

HunterLab(51.6659, 43.0454,  
23.4050)

Have a look what the booklet for  
HunterLab(51.6659, 43.0454,  
23.4050) contains.

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# Color

**HunterLab(51.5505, 43.0621,  
23.3380)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E56552                     |
| RGB           | 229, 101, 82               |
| RGB Percent   | 90%, 40%, 32%              |
| CMY           | 0.1020, 0.6039, 0.6784     |
| CMYK          | 0.00, 0.56, 0.64, 0.10     |
| HSL           | 8°, 74%, 61%               |
| HSV           | 8°, 64%, 90%               |
| XYZ           | 38.4897, 26.5745, 11.0834  |
| YIQ           | 137.1060, 82.3870, 21.2270 |

# Conversions

## Conversions Part 2

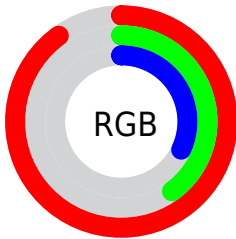
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 229, 104, 82                   |
| Decimal                             | 15033682                       |
| CIE <sub>Lab</sub>                  | 58.58, 48.46, 35.20            |
| CIE <sub>LCh</sub>                  | 59, 59.892, 35.998             |
| Yxy                                 | 26.5760, 0.5055,<br>0.3490     |
| Android<br>(android.graphics.Color) | 4293223762<br>(0xFFE56552)     |
| YUV                                 | 137.1060, -27.1673,<br>80.5910 |
| Hunter-Lab                          | 51.5505, 43.0621,<br>23.3380   |

# Details

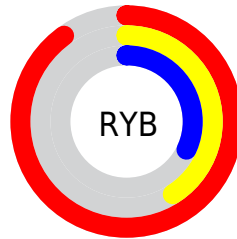
The HunterLab color **51.5505, 43.0621, 23.3380** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **73.1713, -28.8428, -15.4826**, and the grayscale version is **50.1408, -2.6754, 2.7242**.

A 20% lighter version of the original color is **68.0945, 30.5827, 23.4877**, and **32.2116, 39.3381, 17.4652** is the 20% darker color. If you saturate the color by 10%, you get **47.8224, 50.8788, 25.2118**, and if you desaturate by 10%, it is **55.9800, 34.9646, 20.9802**.

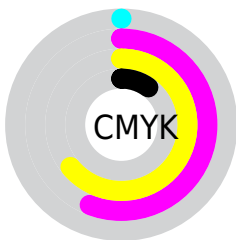
# Distribution



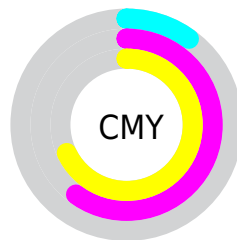
- Red (90%)
- Green (40%)
- Blue (32%)



- 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 51.5505, 43.0621, 23.3380 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 51.5505, 43.0621, 23.3380 by changing the saturation by 10% instead.



51.5505, 43.0621,  
23.3380

51.5505, 43.0621,  
23.3380

168.9965, 53.8311,  
44.9731

41.5392, 41.3631,  
20.5016

73.6225, 46.1103,  
28.6210

32.2746, 39.5576,  
17.4829

85.6022, 47.4771,  
31.1182

23.8243, 37.6646,  
14.2280

98.1692, 48.7461,  
33.5437

16.2760, 35.7655,  
11.3932

111.2973, 49.9238,  
35.9108

9.7539, 34.1520,  
6.8278

124.9634, 51.0160,  
38.2298

0.0000, INF, NaN

0.0000, NaN, NaN

139.1472, 52.0281,

40.5089

0.0000, NaN, NaN

153.8304, 52.9650,  
42.7548

0.0000, NaN, NaN

■ 51.5505, 43.0621,  
23.3380

■ 51.5505, 43.0621,  
23.3380

■ 47.8224, 50.8788,  
25.2118

■ 55.9800, 34.9646,  
20.9802

■ 44.8753, 57.9433,  
26.4398

■ 61.0141, 26.9350,  
18.2900

■ 42.7632, 63.6924,  
26.9233

■ 66.5666, 19.1637,  
15.3892

■ 41.9128, 66.2036,  
26.9855

■ 72.5603, 11.7396,  
12.3627

■ 78.9310, 4.6851,  
9.2651

■ 85.6255, -2.0137,  
6.1298

■ 92.6009, -8.3883,  
2.9760

■ 97.6719, -13.5320,  
2.5181

# Harmonies

## Analogous

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



51.5519, 55.4294, 7.4324



51.5505, 43.0621, 23.3380



51.5519, 18.6771, 29.7760

# Triad

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



51.5519, 43.0581, 23.3388



51.5519, -40.2421, 18.3649



51.5519, 2.4545, -68.1746

# Complementary

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



51.5505, 43.0621, 23.3380



73.1713, -28.8428, -15.4826

# 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.



51.5519, -21.1699, -60.3161



51.5505, 43.0621, 23.3380



51.5519, -42.9193, -2.2932

# Square

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



51.5519, 43.0581, 23.3388



51.5519, -28.4545, 28.0326



51.5519, -36.6419, -32.6917



51.5519, 29.2403, -50.7757



# Rectangle

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



51.5505, 43.0621, 23.3380



51.5519, 0.7033, 30.9799



51.5519, -36.6419, -32.6917



51.5519, -6.1214, -68.4770

# Sweetspot

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



51.5519, 43.0581, 23.3388



85.5794, 9.1627, 12.1962



52.3818, 69.1569, -36.9013



38.6418, 5.3074, 6.1074

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



51.5519, 43.0581, 23.3388



52.8382, 60.2081, 29.0230



68.5712, 6.8052, 35.4701



38.2972, 0.6863, 3.6325



31.8437, 49.5619, 20.4896



9.2030, 11.7628, 5.8768

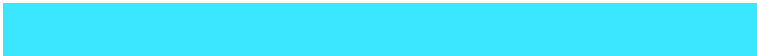


# Inverse Universe

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



73.1713, -28.8428, -15.4826



80.3224, -33.8456, -20.9330



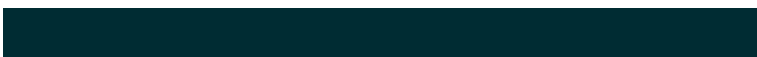
50.7234, 5.4096, -55.2975



40.0021, -4.6754, 0.6386



51.7853, -22.1078, -17.0026

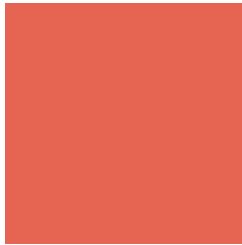


14.3901, -6.4098, -4.1494



# Previews

## White Background



This preview shows how the HunterLab color 51.5505, 43.0621, 23.3380 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 51.5505, 43.0621, 23.3380 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 51.5505, 43.0621, 23.3380 Background



This preview shows how black text looks on a background with the HunterLab color 51.5505, 43.0621, 23.3380.



This preview shows how white text looks on a background with the HunterLab color 51.5505, 43.0621,

23.3380.

# 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

51.5505, 43.0621, 23.3380

### Protanopia

51.6576, -4.6388, 18.7698

### Deuteranopia

51.7049, 3.4256, 24.0798



## Tritanopia

51.5343, 46.6299, 17.5038

# Trichromacy



## Original Color

51.5505, 43.0621, 23.3380

## Protanomaly

50.5155, 12.1232, 19.4557

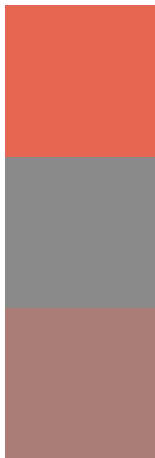
## Deuteranomaly

51.0426, 17.1631, 23.3803

## Tritanomaly

51.5667, 45.4724, 19.8474

# Monochromacy



## Original Color

51.5505, 43.0621, 23.3380

## Achromatopsia

50.0158, -2.6687, 2.7175

## Achromatomaly

49.2399, 11.6939, 10.2815

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.5505, 43.0621, 23.3380 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(229, 101, 82)` looks like.

```
.text, #text, p{  
    color:rgb(229, 101, 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(229, 101, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 101, 82) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.5505, 43.0621, 23.3380 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(229, 101, 82) }
```



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

```
.border{ border-color:rgb(229, 101, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 101, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 101, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 101, 82);  
box-shadow:4px 4px 4px 4px rgb(229, 101,  
82) }
```

# Background

The CSS property to change the background color of an element to HunterLab 51.5505, 43.0621, 23.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 101, 82) }
```

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

```
.background{ background-color: rgb(229,  
101, 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](#).

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