

Converting Colors

HunterLab(49.9673, 46.2093,
24.9465)

Have a look what the booklet for
HunterLab(49.9673, 46.2093,
24.9465) contains.

HunterLab(49.9163, 46.0365, 24.8766)	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(49.9163, 46.0365,
24.8766)**

Conversions

Conversions Part 1

Format	Color
Hex	E55D45
RGB	229, 93, 69
RGB Percent	90%, 36%, 27%
CMY	0.1020, 0.6353, 0.7294
CMYK	0.00, 0.59, 0.70, 0.10
HSL	9°, 75%, 58%
HSV	9°, 70%, 90%
XYZ	37.3016, 24.9164, 8.4736
YIQ	130.9280, 88.7600, 21.3680

Conversions

Conversions Part 2

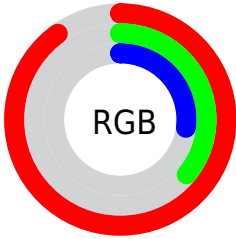
Format	Color
R_{YB}	229, 97, 69
Decimal	15031621
CIE _{Lab}	57.00, 51.44, 40.46
CIE _{LCh}	57, 65.447, 38.190
Yxy	24.9178, 0.5277, 0.3525
Android (android.graphics.Color)	4293221701 (0xFFE55D45)
YUV	130.9280, -30.5305, 86.0091
Hunter-Lab	49.9163, 46.0365, 24.8766

Details

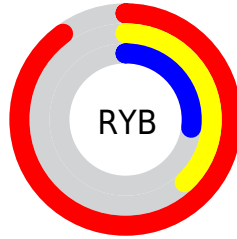
The HunterLab color **49.9163, 46.0365, 24.8766** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **71.1204, -28.0169, -18.4639**, and the grayscale version is **47.7060, -2.5455, 2.5920**.

A 20% lighter version of the original color is **66.1421, 32.9513, 25.9694**, and **30.9847, 42.2870, 18.2818** is the 20% darker color. If you saturate the color by 10%, you get **46.5757, 53.4972, 26.3326**, and if you desaturate by 10%, it is **53.9645, 38.1580, 22.8212**.

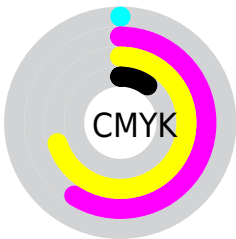
Distribution



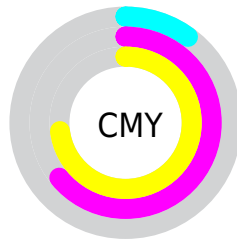
- Red (90%)
- Green (36%)
- Blue (27%)



- Red (90%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (59%)
- Yellow (70%)
- Black (10%)



- Cyan (10%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9163, 46.0365, 24.8766 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 49.9163, 46.0365, 24.8766 by changing the saturation by 10% instead.

49.9163, 46.0365,
24.8766

49.9163, 46.0365,
24.8766

166.5618, 57.8290,
49.1469

40.0197, 44.2217,
21.6320

71.7801, 49.3239,
30.8815

30.8793, 42.3114,
18.1679

83.6640, 50.8095,
33.7016

22.5654, 40.3407,
14.6790

96.1398, 52.1955,
36.4295

15.1701, 38.4348,
10.6191

109.1806, 53.4877,
39.0814

8.8001, 37.2354,
6.1601

122.7629, 54.6921,
41.6698

0.0000, INF, NaN

0.0000, NaN, NaN

136.8659, 55.8139,

44.2049

0.0000, NaN, NaN

151.4711, 56.8581,
46.6950

0.0000, NaN, NaN

■ 49.9163, 46.0365,
24.8766

■ 49.9163, 46.0365,
24.8766

■ 46.5757, 53.4972,
26.3326

■ 53.9645, 38.1580,
22.8212

■ 44.0073, 60.0544,
27.0620

■ 58.6313, 30.2504,
20.3167


■ 42.2353, 65.1526,
27.1536


■ 63.8329, 22.5451,
17.5000


■ 42.2169, 65.2069,
27.1554


■ 69.4921, 15.1636,
14.4753

■ 75.5425, 8.1499,
11.3154

 81.9292, 1.5024,
8.0686

 88.6070, -4.8040,
4.7656

 95.5389, -10.8042,
1.4250

 97.6718, -13.5320,
2.5180

Harmonies

Analogous

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



49.9177, 61.1530, 9.3615



49.9163, 46.0365, 24.8766



49.9177, 18.5254, 30.4841

Triad

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



49.9177, 46.0323, 24.8774



49.9177, -42.8666, 18.0191



49.9177, 5.0878, -77.0516

Complementary

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



49.9163, 46.0365, 24.8766



71.1204, -28.0169, -18.4639

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.



49.9177, -20.8228, -70.1196



49.9163, 46.0365, 24.8766



49.9177, -44.9453, -4.9883

Square

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



49.9177, 46.0323, 24.8774



49.9177, -31.3191, 28.2809



49.9177, -37.7828, -39.4303



49.9177, 34.3912, -55.1466

Rectangle

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



49.9163, 46.0365, 24.8766



49.9177, -0.9859, 31.3733



49.9177, -37.7828, -39.4303



49.9177, -4.3245, -78.1741

Sweetspot

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



49.9177, 46.0323, 24.8774



84.4616, 10.1791, 13.2379



50.3210, 73.1967, -35.7627



38.1850, 5.7148, 6.5869

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9177, 46.0323, 24.8774



51.1624, 64.0305, 30.2371



68.5381, 5.9302, 37.4660



38.3604, 0.5769, 3.7024



32.0908, 48.7581, 20.6278



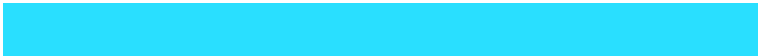
9.3270, 11.3953, 5.9467

Inverse Universe

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



71.1204, -28.0169, -18.4639



77.7096, -31.9216, -24.8573



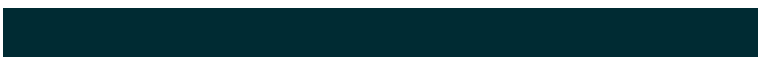
46.4647, 10.6197, -65.7719



39.9355, -4.5690, 0.5595



50.5955, -20.5633, -18.8497



14.1144, -6.0575, -4.5653

Previews

White Background



This preview shows how the HunterLab color 49.9163, 46.0365, 24.8766 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 49.9163, 46.0365, 24.8766 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 49.9163, 46.0365, 24.8766 Background



This preview shows how black text looks on a background with the HunterLab color 49.9163, 46.0365, 24.8766.



This preview shows how white text looks on a background with the HunterLab color 49.9163, 46.0365,

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

49.9163, 46.0365, 24.8766

Protanopia

50.0154, -5.0014, 20.7889

Deuteranopia

50.1154, 3.2521, 25.7147



Tritanopia

49.9615, 49.5996, 18.8065

Trichromacy



Original Color

49.9163, 46.0365, 24.8766

Protanomaly

48.8088, 12.7386, 21.3131

Deuteranomaly

49.1621, 18.4351, 24.7664

Tritanomaly

49.9770, 48.4551, 21.1992

Monochromacy



Original Color

49.9163, 46.0365, 24.8766

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

46.9263, 12.9917, 11.2179

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9163, 46.0365, 24.8766 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, 93, 69)` looks like.

```
.text, #text, p{  
    color:rgb(229, 93, 69)  
}
```

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, 93, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 93, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9163, 46.0365, 24.8766 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, 93, 69) }
```


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

```
.border{ border-color:rgb(229, 93, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 93, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 93, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 93, 69);  
box-shadow:4px 4px 4px 4px rgb(229, 93,  
69) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9163, 46.0365, 24.8766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 93, 69) }
```

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

```
.background{ background-color: rgb(229, 93,  
69) }
```

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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