

Converting Colors

HunterLab(46.2018, 54.7324,
25.7550)

Have a look what the booklet for
HunterLab(46.2018, 54.7324,
25.7550) contains.

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Color

**HunterLab(46.2453, 54.6317,
25.7272)**

Conversions

Conversions Part 1

Format	Color
Hex	E54731
RGB	229, 71, 49
RGB Percent	90%, 28%, 19%
CMY	0.1020, 0.7215, 0.8078
CMYK	0.00, 0.69, 0.79, 0.10
HSL	7°, 78%, 55%
HSV	7°, 79%, 90%
XYZ	35.1208, 21.3863, 5.1826
YIQ	115.7340, 101.2300, 26.6540

Conversions

Conversions Part 2

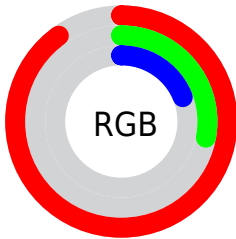
Format	Color
R_{YB}	229, 74, 49
Decimal	15025969
CIE Lab	53.37, 59.78, 47.12
CIE LCh	53, 76.121, 38.246
Yxy	21.3875, 0.5693, 0.3467
Android (android.graphics.Color)	4293216049 (0xFFE54731)
YUV	115.7340, -32.8999, 99.3343
Hunter-Lab	46.2453, 54.6317, 25.7272

Details

The HunterLab color **46.2453, 54.6317, 25.7272** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **71.3657, -30.5454, -18.1447**, and the grayscale version is **41.7856, -2.2296, 2.2703**.

A 20% lighter version of the original color is **61.2874, 41.6254, 27.5530**, and **28.2908, 48.4644, 18.1608** is the 20% darker color. If you saturate the color by 10%, you get **43.6954, 61.1212, 26.6608**, and if you desaturate by 10%, it is **49.6242, 47.0750, 24.0975**.

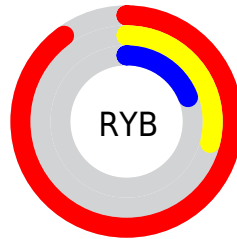
Distribution



Red (90%)

Green (28%)

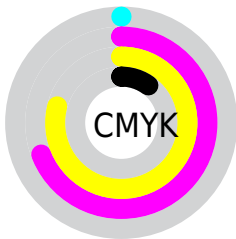
Blue (19%)



Red (90%)

Yellow (29%)

Blue (19%)

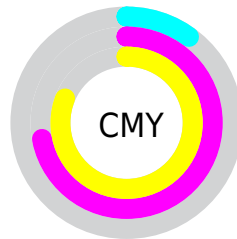


Cyan (0%)

Magenta (69%)

Yellow (79%)

Black (10%)



Cyan (10%)

Magenta (72%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.2453, 54.6317, 25.7272 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 46.2453, 54.6317, 25.7272 by changing the saturation by 10% instead.

46.2453, 54.6317,
25.7272

46.2453, 54.6317,
25.7272

161.0376, 69.1175,
53.6031

36.6164, 52.5441,
21.9163

67.6252, 58.5225,
32.7335

27.7665, 50.4162,
17.8819

79.2872, 60.3176,
35.9986

19.7733, 48.3537,
13.8413

91.5517, 62.0117,
39.1415

12.7407, 46.6778,
8.9185

104.3906, 63.6086,
42.1821

6.1090, 54.6585,
4.2763

117.7792, 65.1130,
45.1367

0.0000, INF, NaN

0.0000, NaN, NaN

131.6958, 66.5295,

48.0182

0.0000, NaN, NaN

146.1210, 67.8629,
50.8374

0.0000, NaN, NaN

■ 46.2453, 54.6317,
25.7272

■ 46.2453, 54.6317,
25.7272

■ 43.6954, 61.1212,
26.6608

■ 49.6242, 47.0750,
24.0975

■ 41.9941, 65.9957,
26.9022

■ 53.7544, 39.0112,
21.9171

■ 41.8193, 66.5123,
26.9332


■ 58.5447, 30.8565,
19.3518


■ 63.9019, 22.8769,
16.5402

■ 69.7417, 15.2103,
13.5829

 75.9922, 7.9080,
10.5458

 82.5942, 0.9709,
7.4693

 89.4993, -5.6261,
4.3766

 96.6651, -11.9374,
1.3275

Harmonies

Analogous

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



46.2467, 73.0294, 9.9696



46.2453, 54.6317, 25.7272



46.2467, 21.8998, 30.3317

Triad

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



46.2467, 54.6271, 25.7279



46.2467, -46.0034, 19.0524



46.2467, 6.4422, -96.8895

Complementary

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



46.2453, 54.6317, 25.7272



71.3657, -30.5454, -18.1447

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.



46.2467, -22.6492, -87.8888



46.2453, 54.6317, 25.7272



46.2467, -48.0873, -6.4275

Square

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



46.2467, 54.6271, 25.7279



46.2467, -34.0262, 28.6370



46.2467, -40.7492, -48.4985



46.2467, 40.7779, -68.3552

Rectangle

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



46.2453, 54.6317, 25.7272



46.2467, -0.6219, 30.9345



46.2467, -40.7492, -48.4985



46.2467, -4.2897, -98.3899

Sweetspot

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



46.2467, 54.6271, 25.7279



81.8851, 13.4522, 13.8225



48.3825, 80.6002, -41.9033



36.7293, 7.6078, 6.9615

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.2467, 54.6271, 25.7279



48.1067, 72.5894, 30.3430



64.8238, 11.6775, 37.4908



38.2759, 0.7233, 3.6089



31.7670, 49.8131, 20.4468



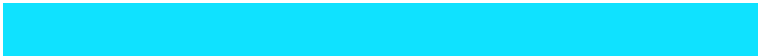
9.1607, 11.8900, 5.8529

Inverse Universe

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



71.3657, -30.5454, -18.1447



78.4527, -34.0775, -23.7535



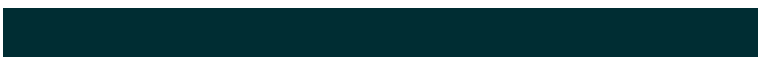
43.8942, 12.1943, -72.8677



40.0246, -4.7115, 0.6653



52.1900, -22.6279, -16.3859



14.4838, -6.5286, -4.0102

Previews

White Background



This preview shows how the HunterLab color 46.2453, 54.6317, 25.7272 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 46.2453, 54.6317, 25.7272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

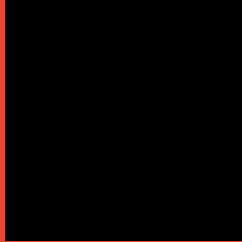
Any Text WCAG AA ✓ Pass

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 46.2453, 54.6317, 25.7272 Background



This preview shows how black text looks on a background with the HunterLab color 46.2453, 54.6317, 25.7272.



This preview shows how white text looks on a background with the HunterLab color 46.2453, 54.6317,

25.7272.

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

46.2453, 54.6317, 25.7272

Protanopia

46.3621, -5.3359, 21.8832

Deuteranopia

46.2376, 3.4504, 26.4116



Tritanopia

46.2733, 57.2658, 21.8778

Trichromacy



Original Color

46.2453, 54.6317, 25.7272

Protanomaly

44.4138, 15.9467, 21.9399

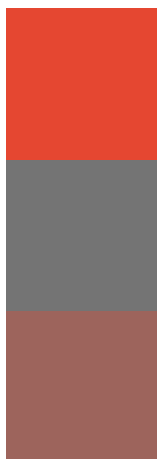
Deuteranomaly

45.0552, 22.1803, 25.3905

Tritanomaly

46.3013, 56.4425, 23.4969

Monochromacy



Original Color

46.2453, 54.6317, 25.7272

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

41.2979, 15.8749, 11.1890

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.2453, 54.6317, 25.7272 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, 71, 49)` looks like.

```
.text, #text, p{  
    color:rgb(229, 71, 49)  
}
```

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, 71, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 71, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 46.2453, 54.6317, 25.7272 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, 71, 49) }
```


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

```
.border{ border-color:rgb(229, 71, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 71, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 71, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 71, 49);  
box-shadow:4px 4px 4px 4px rgb(229, 71,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.2453, 54.6317, 25.7272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 71, 49) }
```

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

```
.background{ background-color: rgb(229, 71,  
49) }
```

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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