

Converting Colors

HunterLab(46.9914, 50.8794,
25.7168)

Have a look what the booklet for
HunterLab(46.9914, 50.8794,
25.7168) contains.

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Color

**HunterLab(46.9336, 51.0665,
25.7101)**

Conversions

Conversions Part 1

Format	Color
Hex	E34E34
RGB	227, 78, 52
RGB Percent	89%, 31%, 20%
CMY	0.1098, 0.6941, 0.7961
CMYK	0.00, 0.66, 0.77, 0.11
HSL	9°, 76%, 55%
HSV	9°, 77%, 89%
XYZ	35.0228, 22.0276, 5.6547
YIQ	119.5870, 97.1500, 23.5020

Conversions

Conversions Part 2

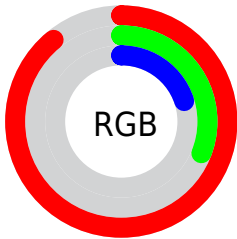
Format	Color
R_{YB}	227, 83, 52
Decimal	14896692
CIE Lab	54.06, 56.49, 46.17
CIE LCh	54, 72.956, 39.259
Yxy	22.0289, 0.5585, 0.3513
Android (android.graphics.Color)	4293086772 (0xFFE34E34)
YUV	119.5870, -33.3204, 94.2012
Hunter-Lab	46.9336, 51.0665, 25.7101

Details

The HunterLab color **46.9336, 51.0665, 25.7101** 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 **69.3145, -28.1658, -19.9442**, and the grayscale version is **43.2785, -2.3092, 2.3514**.

A 20% lighter version of the original color is **62.6341, 38.7706, 27.8607**, and **28.4203, 47.1387, 18.0382** is the 20% darker color. If you saturate the color by 10%, you get **44.1775, 57.8513, 26.6484**, and if you desaturate by 10%, it is **50.4444, 43.5120, 24.0843**.

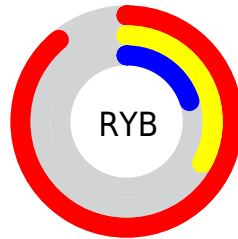
Distribution



Red (89%)

Green (31%)

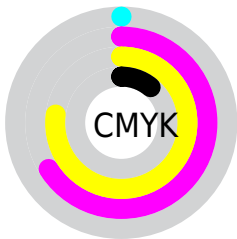
Blue (20%)



Red (89%)

Yellow (33%)

Blue (20%)

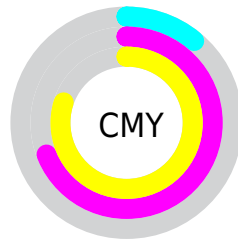


Cyan (0%)

Magenta (66%)

Yellow (77%)

Black (11%)



Cyan (11%)

Magenta (69%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9336, 51.0665, 25.7101 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 46.9336, 51.0665, 25.7101 by changing the saturation by 10% instead.

■ 46.9336, 51.0665,
25.7101

■ 46.9336, 51.0665,
25.7101

162.0794, 64.5711,
53.0425

■ 37.2534, 49.0717,
21.9854

■ 68.4060, 54.7440,
32.5640

■ 28.3478, 47.0131,
18.0082

■ 80.1103, 56.4275,
35.7617

■ 20.2928, 44.9685,
14.2049

■ 92.4152, 58.0095,
38.8419

■ 13.1900, 43.1842,
9.2330

■ 105.2926, 59.4948,
41.8240

■ 6.7023, 47.4197,
4.6916

■ 118.7181, 60.8886,
44.7236

0.0000, INF, NaN

0.0000, NaN, NaN

■ 132.6702, 62.1961,

47.5534

0.0000, NaN, NaN

147.1297, 63.4221,
50.3235

0.0000, NaN, NaN

■ 46.9336, 51.0665,
25.7101

■ 46.9336, 51.0665,
25.7101

■ 44.1775, 57.8513,
26.6484

■ 50.4444, 43.5120,
24.0843

■ 42.2136, 63.3486,
26.8546


■ 54.6309, 35.6687,
21.9073


■ 41.7850, 64.6135,
26.8789


■ 59.4091, 27.8671,
19.3297


■ 64.6958, 20.3072,
16.4779

■ 70.4174, 13.0850,
13.4460

 76.5109, 6.2295,
10.2983

 82.9248, -0.2690,
7.0766

 89.6164, -6.4389,
3.8072

 96.5078, -12.5580,
1.1251

Harmonies

Analogous

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



46.9350, 69.1186, 10.5582



46.9336, 51.0665, 25.7101



46.9350, 19.7307, 30.3579

Triad

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



46.9350, 51.0621, 25.7108



46.9350, -45.2049, 18.1355



46.9350, 7.1455, -90.3537

Complementary

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



46.9336, 51.0665, 25.7101



69.3145, -28.1658, -19.9442

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.



46.9350, -21.2470, -83.2528



46.9336, 51.0665, 25.7101



46.9350, -46.9666, -7.1658

Square

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



46.9350, 51.0621, 25.7108



46.9350, -33.7312, 28.2837



46.9350, -39.3565, -47.1618



46.9350, 39.8860, -62.9356

Rectangle

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



46.9336, 51.0665, 25.7101



46.9350, -1.7586, 30.9721



46.9350, -39.3565, -47.1618



46.9350, -3.2504, -92.1735

Sweetspot

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



46.9350, 51.0621, 25.7108



83.0398, 11.7947, 13.9378



48.0942, 78.2693, -39.1611



37.2675, 6.7928, 7.0473

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.9350, 51.0621, 25.7108



48.8448, 70.2934, 30.6417



65.3559, 9.5302, 37.4914



38.3561, 0.5844, 3.6976



32.0729, 48.8162, 20.6178



9.3185, 11.4202, 5.9420

Inverse Universe

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



69.3145, -28.1658, -19.9442



76.4229, -31.3777, -26.8559



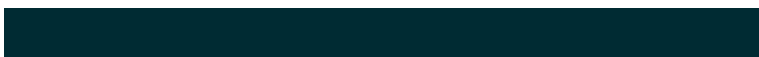
43.3653, 12.7981, -72.4140



39.9401, -4.5763, 0.5650



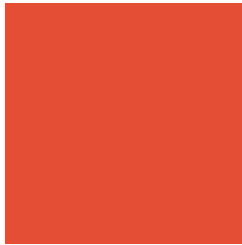
50.6769, -20.6698, -18.7216



14.1332, -6.0818, -4.5365

Previews

White Background



This preview shows how the HunterLab color 46.9336, 51.0665, 25.7101 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 46.9336, 51.0665, 25.7101 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 46.9336, 51.0665, 25.7101 Background



This preview shows how black text looks on a background with the HunterLab color 46.9336, 51.0665, 25.7101.



This preview shows how white text looks on a background with the HunterLab color 46.9336, 51.0665,

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

46.9336, 51.0665, 25.7101

Protanopia

47.1276, -5.4966, 22.2630

Deuteranopia

46.9120, 3.0730, 26.3094



Tritanopia

47.0007, 54.1750, 20.5788

Trichromacy



Original Color

46.9336, 51.0665, 25.7101

Protanomaly

45.5141, 14.5122, 22.3628

Deuteranomaly

45.9826, 20.3865, 25.4900

Tritanomaly

47.0027, 53.1451, 22.7912

Monochromacy



Original Color

46.9336, 51.0665, 25.7101

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

42.7789, 14.4946, 11.6088

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9336, 51.0665, 25.7101 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(227, 78, 52)` looks like.

```
.text, #text, p{  
    color:rgb(227, 78, 52)  
}
```

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(227, 78, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 78, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9336, 51.0665, 25.7101 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(227, 78, 52) }
```


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

```
.border{ border-color:rgb(227, 78, 52) }
```

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

Here you see how a box with a 4 pixel rgb(227, 78, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 78, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 78, 52);  
box-shadow:4px 4px 4px 4px rgb(227, 78,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9336, 51.0665, 25.7101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 78, 52) }
```

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

```
.background{ background-color: rgb(227, 78,  
52) }
```

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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