

Converting Colors

HunterLab(46.5906, 51.0033,
25.7616)

Have a look what the booklet for
HunterLab(46.5906, 51.0033,
25.7616) contains.

HunterLab(46.5906, 51.0033, 25.7616)	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(46.5906, 51.0033,
25.7616)**

Conversions

Conversions Part 1

Format	Color
Hex	E24D32
RGB	226, 77, 50
RGB Percent	89%, 30%, 20%
CMY	0.1137, 0.6980, 0.8039
CMYK	0.00, 0.66, 0.78, 0.11
HSL	9°, 75%, 54%
HSV	9°, 78%, 89%
XYZ	34.5937, 21.7068, 5.3842
YIQ	118.4730, 97.4710, 23.1910

Conversions

Conversions Part 2

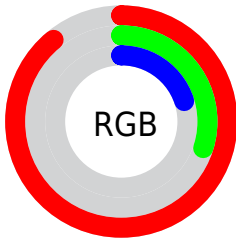
Format	Color
R_{YB}	226, 82, 50
Decimal	14830898
CIE _{Lab}	53.72, 56.49, 46.79
CIE _{LCh}	54, 73.352, 39.633
Yxy	21.7081, 0.5608, 0.3519
Android (android.graphics.Color)	4293020978 (0xFFE24D32)
YUV	118.4730, -33.7572, 94.3012
Hunter-Lab	46.5906, 51.0033, 25.7616

Details

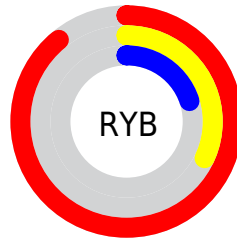
The HunterLab color **46.5906, 51.0033, 25.7616** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **68.5651, -27.6628, -20.4527**, and the grayscale version is **42.8482, -2.2863, 2.3280**.

A 20% lighter version of the original color is **62.3834, 39.1383, 28.1433**, and **28.1446, 47.0246, 18.0448** is the 20% darker color. If you saturate the color by 10%, you get **43.8902, 57.7000, 26.6212**, and if you desaturate by 10%, it is **50.0360, 43.5366, 24.2069**.

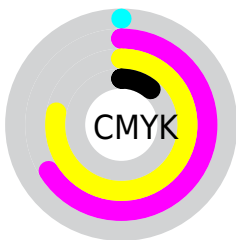
Distribution



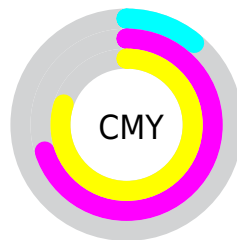
- Red (89%)
- Green (30%)
- Blue (20%)



- Red (89%)
- Yellow (32%)
- Blue (20%)



- Cyan (0%)
- Magenta (66%)
- Yellow (78%)
- Black (11%)



- Cyan (11%)
- Magenta (70%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.5906, 51.0033, 25.7616 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 46.5906, 51.0033, 25.7616 by changing the saturation by 10% instead.

■ 46.5906, 51.0033,
25.7616

■ 46.5906, 51.0033,
25.7616

■ 161.5606, 64.5372,
53.4370

■ 36.9359, 49.0055,
21.9834

■ 68.0170, 54.6882,
32.7107

■ 28.0580, 46.9454,
17.9650

■ 79.7003, 56.3752,
35.9508

■ 20.0336, 44.9041,
14.0236

■ 91.9851, 57.9607,
39.0705

■ 12.9657, 43.1377,
9.0760

■ 104.8433, 59.4493,
42.0897

■ 6.4139, 48.6971,
4.4897

■ 118.2505, 60.8463,
45.0241

0.0000, INF, NaN

0.0000, NaN, NaN

■ 132.1849, 62.1568,

47.8868

0.0000, NaN, NaN

146.6274, 63.3856,
50.6882

0.0000, NaN, NaN

■ 46.5906, 51.0033,
25.7616

■ 46.5906, 51.0033,
25.7616

■ 43.8902, 57.7000,
26.6212

■ 50.0360, 43.5366,
24.2069

■ 41.9686, 63.1134,
26.7710


■ 54.1502, 35.7756,
22.0867


■ 41.6558, 64.0355,
26.7892


■ 58.8510, 28.0499,
19.5497


■ 64.0567, 20.5605,
16.7229

■ 69.6946, 13.4053,
13.7022

 75.7025, 6.6147,
10.5542

 82.0290, 0.1807,
7.3229

 88.6320, -5.9245,
4.0362

 95.4770, -11.7362,
0.7114

Harmonies

Analogous

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



46.5920, 69.4183, 10.8417



46.5906, 51.0033, 25.7616



46.5920, 19.4180, 30.2578

Triad

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



46.5920, 50.9989, 25.7623



46.5920, -45.2849, 17.9187



46.5920, 7.5990, -90.9673

Complementary

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



46.5906, 51.0033, 25.7616



68.5651, -27.6628, -20.4527

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.



46.5920, -20.9719, -84.2533



46.5906, 51.0033, 25.7616



46.5920, -46.9263, -7.6514

Square

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



46.5920, 50.9989, 25.7623



46.5920, -33.9617, 28.1360



46.5920, -39.2140, -48.0355



46.5920, 40.4831, -62.9268

Rectangle

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



46.5906, 51.0033, 25.7616



46.5920, -2.1171, 30.8335



46.5920, -39.2140, -48.0355



46.5920, -2.8588, -92.9669

Sweetspot

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



46.5920, 50.9989, 25.7623



83.1216, 11.6429, 14.0224



47.5409, 77.8146, -37.1856



37.3104, 6.7115, 7.0908

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.5920, 50.9989, 25.7623



48.9532, 69.9520, 30.7040



65.6455, 8.2619, 37.8695



37.4678, 0.5388, 3.6223



31.6357, 47.8088, 20.3308



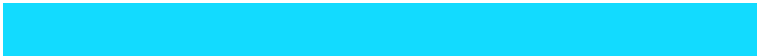
8.9486, 10.6893, 5.7012

Inverse Universe

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



68.5651, -27.6628, -20.4527



76.0299, -30.8642, -27.4685



42.0351, 14.7351, -75.3261



38.9810, -4.4382, 0.5376



49.6098, -19.9976, -18.8388



13.4315, -5.7462, -4.3838

Previews

White Background



This preview shows how the HunterLab color 46.5906, 51.0033, 25.7616 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 46.5906, 51.0033, 25.7616 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 46.5906, 51.0033, 25.7616 Background



This preview shows how black text looks on a background with the HunterLab color 46.5906, 51.0033, 25.7616.



This preview shows how white text looks on a background with the HunterLab color 46.5906, 51.0033,

25.7616.

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

46.5906, 51.0033, 25.7616

Protanopia

46.7257, -5.5206, 22.3498

Deuteranopia

46.6266, 3.4285, 26.4594



Tritanopia

46.6675, 54.1267, 20.5466

Trichromacy



Original Color

46.5906, 51.0033, 25.7616

Protanomaly

45.1247, 14.4860, 22.4423

Deuteranomaly

45.5955, 20.3481, 25.6036

Tritanomaly

46.6695, 53.1057, 22.7395

Monochromacy



Original Color

46.5906, 51.0033, 25.7616

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.0225, 14.5187, 11.5370

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.5906, 51.0033, 25.7616 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(226, 77, 50)` looks like.

```
.text, #text, p{  
    color:rgb(226, 77, 50)  
}
```

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(226, 77, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 77, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 46.5906, 51.0033, 25.7616 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(226, 77, 50) }
```


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

```
.border{ border-color:rgb(226, 77, 50) }
```

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

Here you see how a box with a 4 pixel rgb(226, 77, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 77, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 77, 50);  
box-shadow:4px 4px 4px 4px rgb(226, 77,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.5906, 51.0033, 25.7616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 77, 50) }
```

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

```
.background{ background-color: rgb(226, 77,  
50) }
```

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