

Converting Colors

HunterLab(46.1779, -16.2270,
6.8825)

Have a look what the booklet for
HunterLab(46.1779, -16.2270,
6.8825) contains.

HunterLab(46.1543, -16.2767, 6.9296)	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(46.1543,
-16.2767, 6.9296)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8874
RGB	95, 136, 116
RGB Percent	37%, 53%, 45%
CMY	0.6274, 0.4667, 0.5451
CMYK	0.30, 0.00, 0.15, 0.47
HSL	151°, 18%, 45%
HSV	151°, 30%, 53%
XYZ	16.6759, 21.3022, 19.7558
YIQ	121.4610, -18.0160, -14.9120

Conversions

Conversions Part 2

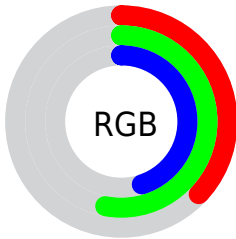
Format	Color
R_{YB}	95, 122, 136
Decimal	6260852
CIE _{Lab}	53.28, -18.70, 6.22
CIE _{LCh}	53, 19.712, 161.601
Yxy	21.3031, 0.2888, 0.3690
Android (android.graphics.Color)	4284450932 (0xFF5F8874)
YUV	121.4610, -2.6923, -23.2063
Hunter-Lab	46.1543, -16.2767, 6.9296

Details

The HunterLab color $46.1543, -16.2767, 6.9296$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $38.2845, 13.8531, -1.2871$, and the grayscale version is $43.9218, -2.3436, 2.3864$.

A 20% lighter version of the original color is $67.3984, -19.1656, 8.6060$, and $27.7079, -12.7766, 5.1474$ is the 20% darker color. If you saturate the color by 10%, you get $45.2640, -20.0098, 8.4541$, and if you desaturate by 10%, it is $47.1763, -12.1266, 5.4570$.

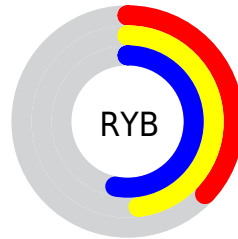
Distribution



Red (37%)

Green (53%)

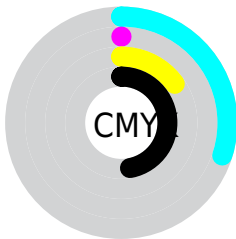
Blue (45%)



Red (37%)

Yellow (48%)

Blue (53%)

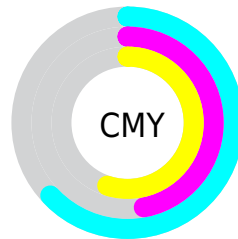


Cyan (30%)

Magenta (0%)

Yellow (15%)

Black (47%)



Cyan (63%)

Magenta (47%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.1543, -16.2767, 6.9296 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 46.1543, -16.2767, 6.9296 by changing the saturation by 10% instead.

■ 46.1543, -16.2767,
6.9296

■ 46.1543, -16.2767,
6.9296

160.8990,
-30.3029, 15.6594

■ 36.5318, -14.5904,
6.0387

■ 67.5214, -19.5118,
8.7503

■ 27.6894, -12.8284,
5.1536

■ 79.1777, -21.0851,
9.6835

■ 19.7044, -10.9532,
4.2663

■ 91.4369, -22.6403,
10.6340

■ 12.6812, -8.8956,
3.3595

■ 104.2707,
-24.1830, 11.6023

■ 6.0256, -10.5447,
4.2179

117.6544,
-25.7177, 12.5888

0.0000, NaN, NaN

131.5662,

0.0000, NaN, NaN

-27.2475, 13.5938

0.0000, NaN, NaN

145.9869,
-28.7752, 14.6173

0.0000, NaN, NaN

■ 46.1543, -16.2767,
6.9296

■ 46.1543, -16.2767,
6.9296

■ 45.2640, -20.0098,
8.4541

■ 47.1763, -12.1266,
5.4570

■ 44.5026, -23.2925,
10.0126

■ 48.3256, -7.5944,
4.0483

■ 43.8694, -26.1038,
11.5871

■ 49.6001, -2.7218,
2.7150

■ 43.3606, -28.4335,
13.1578

■ 50.9959, 2.4492,
1.4654

■ 42.9698, -30.2863,
14.7037

■ 52.5085, 7.8775,
0.3050

■ 42.6875, -31.6845,
16.2033

■ 54.1327, 13.5240,
-0.7630

■ 42.4818, -32.7484,
17.5959

■ 55.8631, 19.3529,
-1.7376

■ 57.6942, 25.3321,
-2.6194

■ 59.6205, 31.4335,
-3.4103

Harmonies

Analogous

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



46.1553, -12.3165, 12.2382



46.1543, -16.2767, 6.9296



46.1553, -16.6947, -0.5537

Triad

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



46.1553, -16.2774, 6.9302



46.1553, 0.6948, -14.3999



46.1553, 9.7129, 11.2727

Complementary

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



46.1543, -16.2767, 6.9296



38.2845, 13.8531, -1.2871

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.



46.1553, 13.7288, 5.3815



46.1543, -16.2767, 6.9296



46.1553, 8.2886, -9.9361

Square

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



46.1553, -16.2774, 6.9302



46.1553, -7.2586, -13.7917



46.1553, 13.1904, -2.3905



46.1553, 2.5321, 14.4325

Rectangle

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



46.1543, -16.2767, 6.9296



46.1553, -14.9444, -5.9053



46.1553, 13.1904, -2.3905



46.1553, 11.4992, 9.5931

Sweetspot

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



46.1553, -16.2774, 6.9302



64.3055, -9.4840, 5.2009



47.0259, -13.9461, 15.0826



30.8458, -4.9534, 2.6159



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



46.1553, -16.2774, 6.9302



60.4663, -24.9593, 10.5353



46.7116, -13.0833, -1.0116



23.7659, -3.4977, 1.9199



41.3304, -31.8449, 17.0846



3.4123, -2.3271, 0.7586

Inverse Universe

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



38.2845, 13.8531, -1.2871



47.9018, 23.3094, -2.4900



37.7431, 11.0936, 6.4437



22.5535, 1.1162, 0.6402



23.0913, 41.1816, 2.2310



1.9586, 3.6326, -0.8922

Previews

White Background



This preview shows how the HunterLab color 46.1543, -16.2767, 6.9296 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 46.1543, -16.2767, 6.9296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

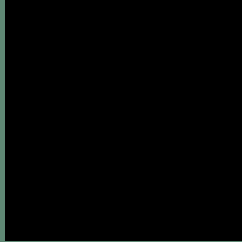
Any Text WCAG AA ✓ Pass

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 46.1543, -16.2767, 6.9296 Background



This preview shows how black text looks on a background with the HunterLab color 46.1543, -16.2767, 6.9296.



This preview shows how white text looks on a background with the HunterLab color 46.1543,

-16.2767, 6.9296.

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

46.1543, -16.2767, 6.9296

Protanopia

45.8868, -2.4901, 8.7999

Deuteranopia

45.8277, 3.3290, 5.7174



Tritanopia

46.1003, -8.7494, -5.1679

Trichromacy



Original Color

46.1543, -16.2767, 6.9296

Protanomaly

45.9124, -8.1455, 7.9735

Deuteranomaly

45.6582, -4.3830, 5.8009

Tritanomaly

45.9578, -11.4200, -0.5086

Monochromacy



Original Color

46.1543, -16.2767, 6.9296

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.3828, -7.3977, 3.9042

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.1543, -16.2767, 6.9296 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(95, 136, 116)` looks like.

```
.text, #text, p{  
    color:rgb(95, 136, 116)  
}
```

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(95, 136, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 136, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 46.1543, -16.2767, 6.9296 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(95, 136, 116) }
```


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

```
.border{ border-color:rgb(95, 136, 116) }
```

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

Here you see how a box with a 4 pixel rgb(95, 136, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 136, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 136, 116);  
box-shadow:4px 4px 4px 4px rgb(95, 136,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.1543, -16.2767, 6.9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 136, 116) }
```

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

```
.background{ background-color: rgb(95, 136,  
116) }
```

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