

Converting Colors

HunterLab(38.4860, -14.4706,
11.7695)

Have a look what the booklet for
HunterLab(38.4860, -14.4706,
11.7695) contains.

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Color

**HunterLab(38.4956,
-14.4303, 11.7791)**

Conversions

Conversions Part 1

Format	Color
Hex	567350
RGB	86, 115, 80
RGB Percent	34%, 45%, 31%
CMY	0.6627, 0.5490, 0.6863
CMYK	0.25, 0.00, 0.30, 0.55
HSL	110°, 18%, 38%
HSV	110°, 30%, 45%
XYZ	11.4165, 14.8191, 9.8481
YIQ	102.3390, -6.0490, -17.0330

Conversions

Conversions Part 2

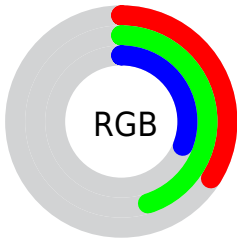
Format	Color
R_{YB}	80, 115, 109
Decimal	5665616
CIE _{Lab}	45.39, -17.89, 16.06
CIE _{LCh}	45, 24.045, 138.090
Yxy	14.8197, 0.3164, 0.4107
Android (android.graphics.Color)	4283855696 (0xFF567350)
YUV	102.3390, -11.0131, -14.3293
Hunter-Lab	38.4956, -14.4303, 11.7791

Details

The HunterLab color $[38.4956, -14.4303, 11.7791]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[31.9794, 12.5267, -10.1480]$, and the grayscale version is $[36.6215, -1.9540, 1.9897]$.

A 20% lighter version of the original color is $[58.6998, -17.7787, 14.8816]$, and $[21.3705, -11.1108, 8.5623]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.7379, -17.7580, 14.2244]$, and if you desaturate by 10%, it is $[39.3541, -10.7414, 8.9789]$.

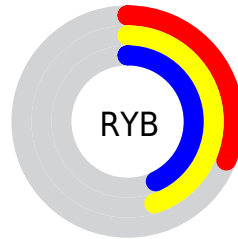
Distribution



Red (34%)

Green (45%)

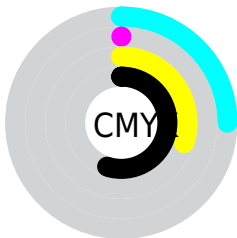
Blue (31%)



Red (31%)

Yellow (45%)

Blue (43%)

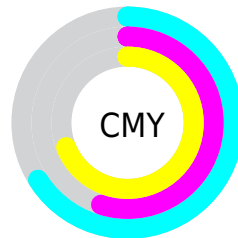


Cyan (25%)

Magenta (0%)

Yellow (30%)

Black (55%)



Cyan (66%)

Magenta (55%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4956, -14.4303, 11.7791 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 38.4956, -14.4303, 11.7791 by changing the saturation by 10% instead.

■ 38.4956, -14.4303,
11.7791

■ 38.4956, -14.4303,
11.7791

149.0881,
-28.2066, 24.8120

■ 29.4839, -12.7453,
10.1933

■ 58.7679, -17.6314,
14.7922

■ 21.3107, -10.9635,
8.5158

■ 69.9254, -19.1792,
16.2515

■ 14.0742, -9.0287,
6.7692

■ 81.7113, -20.7059,
17.6931

■ 7.7220, -10.5100,
5.4054

■ 94.0937, -22.2181,
19.1233

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.0453,
-23.7209, 20.5470

0.0000, NaN, NaN

120.5420,

0.0000, NaN, NaN

-25.2180, 21.9680

0.0000, NaN, NaN

134.5625,
-26.7125, 23.3889

■ 38.4956, -14.4303,
11.7791

■ 38.4956, -14.4303,
11.7791

■ 37.7379, -17.7580,
14.2244

■ 39.3541, -10.7414,
8.9789

■ 37.0793, -20.6944,
16.2961

■ 40.3091, -6.7208,
5.8455

■ 36.5205, -23.2191,
17.9843

■ 41.3587, -2.4035,
2.4059

■ 36.0599, -25.3194,
19.2883

■ 42.4998, 2.1758,
-1.3116

■ 35.6943, -26.9932,
20.2188

■ 43.7287, 6.9831,
-5.2783

■ 35.4188, -28.2511,
20.8003

■ 45.0415, 11.9863,
-9.4659

■ 35.2247, -29.1420,
21.1951

■ 46.4342, 17.1559,
-13.8478

■ 47.9026, 22.4653,
-18.3993

■ 49.4427, 27.8910,
-23.0979

Harmonies

Analogous

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



38.4964, -7.4304, 14.9696



38.4956, -14.4303, 11.7791



38.4964, -17.9753, 5.4299

Triad

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



38.4964, -14.4311, 11.7795



38.4964, -5.6624, -18.4352



38.4964, 16.3737, 6.9925

Complementary

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



38.4956, -14.4303, 11.7791



31.9794, 12.5267, -10.1480

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.



38.4964, 16.9614, -1.5667



38.4956, -14.4303, 11.7791



38.4964, 3.6301, -17.7329

Square

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



38.4964, -14.4311, 11.7795



38.4964, -13.2425, -12.7610



38.4964, 12.1111, -11.0225



38.4964, 10.5741, 12.6896

Rectangle

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



38.4956, -14.4303, 11.7791



38.4964, -18.1463, -0.3651



38.4964, 12.1111, -11.0225



38.4964, 17.2061, 4.4036

Sweetspot

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



38.4964, -14.4311, 11.7795



54.1008, -8.3208, 7.2913



38.8244, -3.8373, 12.2658



26.3458, -4.3910, 3.8193



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



38.4964, -14.4311, 11.7795



50.7360, -22.7134, 18.2741



38.3724, -14.4404, 8.0695



20.3116, -3.0840, 2.7057



37.6520, -31.1999, 22.6548



82.9573, -69.5559, 49.9002

Inverse Universe

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



31.9794, 12.5267, -10.1480



40.0209, 21.7673, -17.9870



32.2186, 12.5049, -3.9895



19.3073, 1.0484, -0.6451



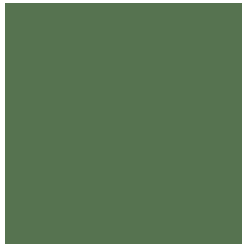
20.5088, 42.0216, -40.2327



44.9119, 92.2668, -89.9983

Previews

White Background



This preview shows how the HunterLab color 38.4956, -14.4303, 11.7791 looks on a white 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

Black Background



This preview shows how the HunterLab color 38.4956, -14.4303, 11.7791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

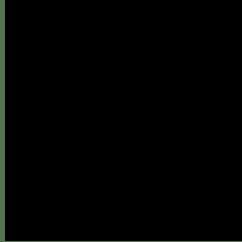
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 38.4956, -14.4303, 11.7791 Background



This preview shows how black text looks on a background with the HunterLab color 38.4956, -14.4303, 11.7791.



This preview shows how white text looks on a background with the HunterLab color 38.4956,

-14.4303, 11.7791.

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

38.4956, -14.4303, 11.7791

Protanopia

38.3354, -3.4476, 12.7027

Deuteranopia

38.4196, 2.5300, 11.0891



Tritanopia

38.4850, -5.1048, -3.2629

Trichromacy



Original Color

38.4956, -14.4303, 11.7791

Protanomaly

38.2688, -7.9193, 12.2754

Deuteranomaly

38.0842, -4.1408, 10.9674

Tritanomaly

38.4473, -8.9682, 2.9243

Monochromacy



Original Color

38.4956, -14.4303, 11.7791

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.1623, -6.9052, 5.8832

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4956, -14.4303, 11.7791 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(86, 115, 80)` looks like.

```
.text, #text, p{  
    color:rgb(86, 115, 80)  
}
```

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(86, 115, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 115, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4956, -14.4303, 11.7791 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(86, 115, 80) }
```


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

```
.border{ border-color:rgb(86, 115, 80) }
```

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

Here you see how a box with a 4 pixel rgb(86, 115, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 115, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 115, 80);  
box-shadow:4px 4px 4px 4px rgb(86, 115,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4956, -14.4303, 11.7791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 115, 80) }
```

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

```
.background{ background-color: rgb(86, 115,  
80) }
```

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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