

Converting Colors

HunterLab(38.3480, -17.1899,
16.8758)

Have a look what the booklet for
HunterLab(38.3480, -17.1899,
16.8758) contains.

HunterLab(38.3293, -17.2884, 16.9153)	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(38.3293,
-17.2884, 16.9153)**

Conversions

Conversions Part 1

Format	Color
Hex	54743B
RGB	84, 116, 59
RGB Percent	33%, 45%, 23%
CMY	0.6706, 0.5451, 0.7686
CMYK	0.28, 0.00, 0.49, 0.55
HSL	94°, 33%, 34%
HSV	94°, 49%, 45%
XYZ	10.6909, 14.6914, 6.4099
YIQ	99.9340, -0.7750, -24.5110

Conversions

Conversions Part 2

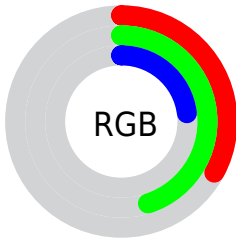
Format	Color
RYB	59, 116, 91
Decimal	5534779
CIELab	45.21, -22.47, 27.73
CIELCh	45, 35.692, 129.022
Yxy	14.6920, 0.3363, 0.4621
Android (android.graphics.Color)	4283724859 (0xFF54743B)
YUV	99.9340, -20.1805, -13.9741
Hunter-Lab	38.3293, -17.2884, 16.9153

Details

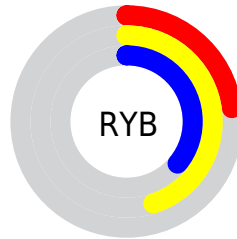
The HunterLab color $[38.3293, -17.2884, 16.9153]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[25.7166, 17.6829, -21.9398]$, and the grayscale version is $[35.7479, -1.9074, 1.9423]$.

A 20% lighter version of the original color is $[58.5140, -20.9464, 21.3138]$, and $[21.3035, -13.2560, 11.8353]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.8127, -19.5940, 18.6733]$, and if you desaturate by 10%, it is $[38.9110, -14.7118, 14.7377]$.

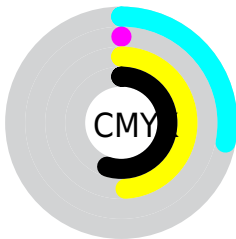
Distribution



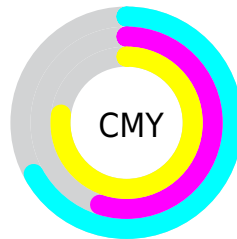
- Red (33%)
- Green (45%)
- Blue (23%)



- Red (23%)
- Yellow (45%)
- Blue (36%)



- Cyan (28%)
- Magenta (0%)
- Yellow (49%)
- Black (55%)



- Cyan (67%)
- Magenta (55%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.3293, -17.2884, 16.9153 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 38.3293, -17.2884, 16.9153 by changing the saturation by 10% instead.

■ 38.3293, -17.2884,
16.9153

■ 38.3293, -17.2884,
16.9153

148.8268,
-33.1767, 35.6134

■ 29.3317, -15.2710,
14.4210

■ 58.5764, -21.0666,
21.5000

■ 21.1742, -13.1134,
11.7235

■ 69.7224, -22.8713,
23.6539

■ 13.9554, -10.7392,
9.7688

■ 81.4975, -24.6388,
25.7433

■ 7.5942, -13.2898,
5.3159

■ 93.8697, -26.3786,
27.7823

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.8114,
-28.0974, 29.7814

0.0000, NaN, NaN

■ 120.2986,

0.0000, NaN, NaN

-29.8008, 31.7488

0.0000, NaN, NaN

134.3100,
-31.4928, 33.6911

■ 38.3293, -17.2884,
16.9153

■ 38.3293, -17.2884,
16.9153

■ 37.8127, -19.5940,
18.6733

■ 38.9110, -14.7118,
14.7377

■ 37.3580, -21.6198,
20.0176

■ 39.5556, -11.8718,
12.1404

■ 36.9644, -23.3656,
20.9646

■ 40.2635, -8.7821,
9.1310

■ 36.6298, -24.8362,
21.5416

■ 41.0340, -5.4580,
5.7218

■ 36.3439, -26.0860,
21.8914

■ 41.8660, -1.9164,
1.9290

■ 36.3207, -26.1880,
21.9222

■ 42.7580, 1.8252,
-2.2283

■ 43.7085, 5.7491,
-6.7289

■ 44.7155, 9.8376,
-11.5505

■ 45.7773, 14.0739,
-16.6705

Harmonies

Analogous

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



38.3301, -6.0987, 19.5221



38.3293, -17.2884, 16.9153



38.3301, -23.7087, 10.0305

Triad

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



38.3301, -17.2893, 16.9156



38.3301, -11.0459, -29.5382



38.3301, 27.6567, 5.8183

Complementary

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



38.3293, -17.2884, 16.9153



25.7166, 17.6829, -21.9398

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.



38.3301, 25.8399, -8.0344



38.3293, -17.2884, 16.9153



38.3301, 2.1798, -31.9143

Square

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



38.3301, -17.2893, 16.9156



38.3301, -20.4723, -17.3261



38.3301, 16.0256, -22.9932



38.3301, 20.6880, 14.7668

Rectangle

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



38.3293, -17.2884, 16.9153



38.3301, -25.0276, 2.5126



38.3301, 16.0256, -22.9932



38.3301, 28.0719, 1.6553

Sweetspot

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



38.3301, -17.2893, 16.9156



53.7555, -10.0224, 10.4684



33.7651, 2.6481, 13.5864



26.1738, -5.2498, 5.4731



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.



38.3301, -17.2893, 16.9156



50.0454, -26.3636, 25.0305



37.1045, -22.0458, 15.2293



20.4193, -2.6998, 2.8303



38.4616, -27.7992, 23.2132



84.6158, -62.5678, 51.0445

Inverse Universe

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



25.7166, 17.6829, -21.9398



30.0682, 29.7089, -38.2235



28.3495, 24.4093, -14.8715



19.1880, 0.6450, -0.8038



16.3403, 36.6431, -56.5703



35.3521, 80.0471, -128.3608

Previews

White Background



This preview shows how the HunterLab color 38.3293, -17.2884, 16.9153 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 38.3293, -17.2884, 16.9153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

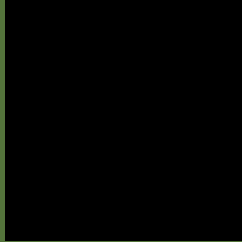
Any Text WCAG AA × Fail

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 38.3293, -17.2884, 16.9153 Background



This preview shows how black text looks on a background with the HunterLab color 38.3293, -17.2884, 16.9153.



This preview shows how white text looks on a background with the HunterLab color 38.3293, -17.2884, 16.9153.

-17.2884, 16.9153.

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

38.3293, -17.2884, 16.9153

Protanopia

38.2785, -4.3015, 17.7167

Deuteranopia

38.2197, 2.4915, 16.2993



Tritanopia

38.1739, -4.8343, -3.1825

Trichromacy



Original Color

38.3293, -17.2884, 16.9153

Protanomaly

38.0939, -9.2244, 17.2871

Deuteranomaly

37.9129, -5.4370, 16.1395

Tritanomaly

38.2427, -10.1287, 5.8543

Monochromacy



Original Color

38.3293, -17.2884, 16.9153

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.5289, -8.1711, 8.4165

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.3293, -17.2884, 16.9153 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(84, 116, 59)` looks like.

```
.text, #text, p{  
    color:rgb(84, 116, 59)  
}
```

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(84, 116, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 116, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 38.3293, -17.2884, 16.9153 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(84, 116, 59) }
```


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

```
.border{ border-color:rgb(84, 116, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 116, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 116, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 116, 59);  
box-shadow:4px 4px 4px 4px rgb(84, 116,  
59) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.3293, -17.2884, 16.9153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 116, 59) }
```

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

```
.background{ background-color: rgb(84, 116,  
59) }
```

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