

Converting Colors

HunterLab(39.0009, -17.4210,
10.9996)

Have a look what the booklet for
HunterLab(39.0009, -17.4210,
10.9996) contains.

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Color

**HunterLab(38.9017,
-17.3333, 10.8843)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7654
RGB	76, 118, 84
RGB Percent	30%, 46%, 33%
CMY	0.7020, 0.5372, 0.6706
CMYK	0.36, 0.00, 0.29, 0.54
HSL	131°, 22%, 38%
HSV	131°, 36%, 46%
XYZ	11.0591, 15.1334, 10.7256
YIQ	101.5660, -14.1180, -19.4780

Conversions

Conversions Part 2

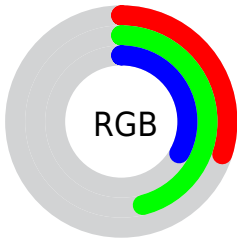
Format	Color
R_{YB}	76, 111, 118
Decimal	5011028
CIE _{Lab}	45.82, -22.35, 14.21
CIE _{LCh}	46, 26.489, 147.549
Yxy	15.1341, 0.2996, 0.4099
Android (android.graphics.Color)	4283201108 (0xFF4C7654)
YUV	101.5660, -8.6600, -22.4214
Hunter-Lab	38.9017, -17.3333, 10.8843

Details

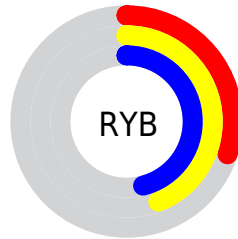
The HunterLab color **38.9017, -17.3333, 10.8843** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **31.8536, 16.3800, -7.5444**, and the grayscale version is **36.3236, -1.9381, 1.9735**.

A 20% lighter version of the original color is **59.0816, -20.9671, 13.4049**, and **21.5629, -13.1226, 7.7795** is the 20% darker color. If you saturate the color by 10%, you get **38.1505, -20.6426, 12.9549**, and if you desaturate by 10%, it is **39.7776, -13.5860, 8.6448**.

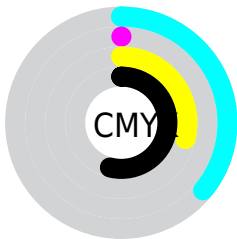
Distribution



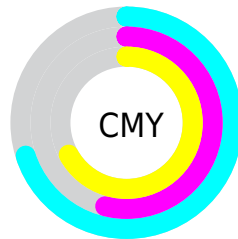
- Red (30%)
- Green (46%)
- Blue (33%)



- Red (30%)
- Yellow (44%)
- Blue (46%)



- Cyan (36%)
- Magenta (0%)
- Yellow (29%)
- Black (54%)



- Cyan (70%)
- Magenta (54%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.9017, -17.3333, 10.8843 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 38.9017, -17.3333, 10.8843 by changing the saturation by 10% instead.

■ 38.9017, -17.3333,
10.8843

■ 38.9017, -17.3333,
10.8843

149.7251,
-33.1490, 23.0561

■ 29.8555, -15.3313,
9.4382

■ 59.2353, -21.0879,
13.6579

■ 21.6444, -13.1937,
7.9199

■ 70.4206, -22.8833,
15.0118

■ 14.3651, -10.8473,
6.2876

■ 82.2328, -24.6426,
16.3550

■ 8.0250, -12.5660,
5.6175

■ 94.6403, -26.3749,
17.6929

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.6159,
-28.0870, 19.0293

0.0000, NaN, NaN

121.1355,

0.0000, NaN, NaN

-29.7841, 20.3672

0.0000, NaN, NaN

135.1782,
-31.4704, 21.7089

■ 38.9017, -17.3333,
10.8843

■ 38.9017, -17.3333,
10.8843

■ 38.1505, -20.6426,
12.9549

■ 39.7776, -13.5860,
8.6448

■ 37.5215, -23.4812,
14.8320

■ 40.7743, -9.4373,
6.2601

■ 37.0132, -25.8300,
16.4961

■ 41.8899, -4.9311,
3.7562

■ 36.6215, -27.6833,
17.9316

■ 43.1203, -0.1123,
1.1573

■ 36.3393, -29.0525,
19.1291

■ 44.4612, 4.9745,
-1.5139

■ 36.1506, -29.9935,
20.0813

■ 45.9072, 10.2872,
-4.2372

■ 36.0794, -30.3465,
20.4133

■ 47.4530, 15.7875,
-6.9952

■ 49.0930, 21.4408,
-9.7733

■ 50.8218, 27.2174,
-12.5595

Harmonies

Analogous

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



38.9025, -10.7698, 15.3300



38.9017, -17.3333, 10.8843



38.9025, -19.8555, 2.9098

Triad

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



38.9025, -17.3340, 10.8847



38.9025, -2.9160, -21.6202



38.9025, 16.9580, 9.8207

Complementary

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



38.9017, -17.3333, 10.8843



31.8536, 16.3800, -7.5444

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.



38.9025, 19.6065, 1.3083



38.9017, -17.3333, 10.8843



38.9025, 7.4514, -18.4114

Square

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



38.9025, -17.3340, 10.8847



38.9025, -12.0866, -17.2293



38.9025, 15.9653, -9.3294



38.9025, 9.0577, 14.8366

Rectangle

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



38.9017, -17.3333, 10.8843



38.9025, -19.1232, -3.9622



38.9025, 15.9653, -9.3294



38.9025, 18.5255, 7.3511

Sweetspot

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



38.9025, -17.3340, 10.8847



54.6864, -9.9871, 6.8840



41.0044, -9.7192, 15.2098



26.1506, -5.0779, 3.4621



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.



38.9025, -17.3340, 10.8847



50.7286, -26.7432, 16.7758



39.3799, -14.5498, 4.0101



20.2696, -3.1834, 2.2609



37.5242, -31.5764, 21.2624



82.7763, -70.0745, 47.8076

Inverse Universe

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



31.8536, 16.3800, -7.5444



39.4082, 27.6519, -12.8343



31.2202, 13.2414, 1.3947



19.3560, 1.1535, -0.1244



22.5152, 42.5662, -16.5227



49.5823, 93.5401, -34.8507

Previews

White Background



This preview shows how the HunterLab color 38.9017, -17.3333, 10.8843 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 38.9017, -17.3333, 10.8843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

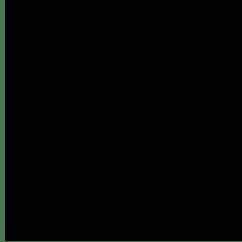
Any Text WCAG AA × Fail

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 38.9017, -17.3333, 10.8843 Background



This preview shows how black text looks on a background with the HunterLab color 38.9017, -17.3333, 10.8843.



This preview shows how white text looks on a background with the HunterLab color 38.9017,

-17.3333, 10.8843.

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

38.9017, -17.3333, 10.8843

Protanopia

38.7522, -3.2698, 12.2100

Deuteranopia

38.7613, 2.5099, 10.1362



Tritanopia

38.8590, -7.9468, -4.2875

Trichromacy



Original Color

38.9017, -17.3333, 10.8843

Protanomaly

38.6641, -9.2786, 11.7248

Deuteranomaly

38.4673, -5.4499, 10.0381

Tritanomaly

38.8504, -11.7929, 2.0815

Monochromacy



Original Color

38.9017, -17.3333, 10.8843

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.2539, -7.9732, 5.5856

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.9017, -17.3333, 10.8843 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(76, 118, 84)` looks like.

```
.text, #text, p{  
    color:rgb(76, 118, 84)  
}
```

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(76, 118, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 118, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 38.9017, -17.3333, 10.8843 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(76, 118, 84) }
```


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

```
.border{ border-color:rgb(76, 118, 84) }
```

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

Here you see how a box with a 4 pixel rgb(76, 118, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 118, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 118, 84);  
box-shadow:4px 4px 4px 4px rgb(76, 118,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.9017, -17.3333, 10.8843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 118, 84) }
```

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

```
.background{ background-color: rgb(76, 118,  
84) }
```

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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