

Converting Colors

HunterLab(40.6358, -17.0563,
17.2033)

Have a look what the booklet for
HunterLab(40.6358, -17.0563,
17.2033) contains.

HunterLab(40.7280, -17.1187, 17.2934)	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(40.7280,
-17.1187, 17.2934)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7A42
RGB	92, 122, 66
RGB Percent	36%, 48%, 26%
CMY	0.6392, 0.5216, 0.7412
CMYK	0.25, 0.00, 0.46, 0.52
HSL	92°, 30%, 37%
HSV	92°, 46%, 48%
XYZ	12.3565, 16.5877, 7.7047
YIQ	106.6460, 0.0960, -23.7760

Conversions

Conversions Part 2

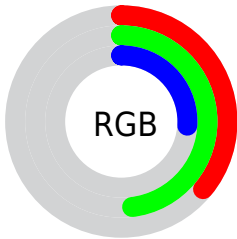
Format	Color
RYB	66, 122, 96
Decimal	6060610
CIELab	47.74, -21.43, 27.17
CIElCh	48, 34.604, 128.272
Yxy	16.5884, 0.3372, 0.4526
Android (android.graphics.Color)	4284250690 (0xFF5C7A42)
YUV	106.6460, -20.0385, -12.8445
Hunter-Lab	40.7280, -17.1187, 17.2934

Details

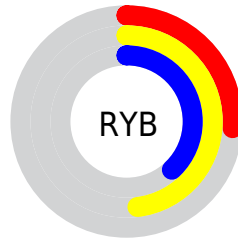
The HunterLab color $40.7280, -17.1187, 17.2934$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $27.9085, 16.9461, -21.6242$, and the grayscale version is $38.2840, -2.0427, 2.0800$.

A 20% lighter version of the original color is $61.4308, -21.0526, 21.8304$, and $23.1324, -13.1074, 12.3283$ is the 20% darker color. If you saturate the color by 10%, you get $40.1713, -19.6013, 19.2952$, and if you desaturate by 10%, it is $41.3513, -14.3602, 14.8401$.

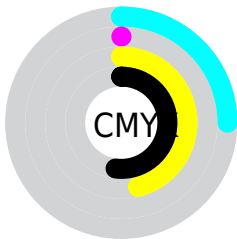
Distribution



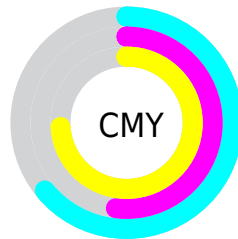
- Red (36%)
- Green (48%)
- Blue (26%)



- Red (26%)
- Yellow (48%)
- Blue (38%)



- Cyan (25%)
- Magenta (0%)
- Yellow (46%)
- Black (52%)



- Cyan (64%)
- Magenta (52%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7280, -17.1187, 17.2934 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 40.7280, -17.1187, 17.2934 by changing the saturation by 10% instead.

■ 40.7280, -17.1187,
17.2934

■ 40.7280, -17.1187,
17.2934

152.5743,
-32.4638, 35.5925

■ 31.5301, -15.2026,
14.8845

■ 61.3325, -20.7347,
21.7478

■ 23.1521, -13.1687,
12.2932

■ 72.6409, -22.4713,
23.8499

■ 15.6847, -10.9553,
10.0769

■ 84.5697, -24.1770,
25.8937

■ 9.2550, -10.5859,
6.4785

■ 97.0883, -25.8597,
27.8919

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.1700,
-27.5255, 29.8541

0.0000, NaN, NaN

123.7917,

0.0000, NaN, NaN

-29.1791, 31.7879

0.0000, NaN, NaN

137.9326,
-30.8242, 33.6991

■ 40.7280, -17.1187,
17.2934

■ 40.7280, -17.1187,
17.2934

■ 40.1713, -19.6013,
19.2952

■ 41.3513, -14.3602,
14.8401

■ 39.6777, -21.7984,
20.8501

■ 42.0386, -11.3337,
11.9364

■ 39.2470, -23.7087,
21.9732

■ 42.7904, -8.0535,
8.5911

■ 38.8768, -25.3359,
22.6908

■ 43.6059, -4.5352,
4.8177

■ 38.5620, -26.7035,
23.0735

■ 44.4839, -0.7958,
0.6338

■ 38.4435, -27.2207,
23.2122

■ 45.4230, 3.1472,
-3.9402

■ 46.4215, 7.2758,
-8.8820

■ 47.4776, 11.5726,
-14.1682

■ 48.5894, 16.0205,
-19.7748

Harmonies

Analogous

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



40.7289, -5.8646, 19.9333



40.7280, -17.1187, 17.2934



40.7289, -23.7039, 10.3819

Triad

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



40.7289, -17.1196, 17.2937



40.7289, -11.3978, -28.2649



40.7289, 27.0187, 5.6313

Complementary

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



40.7280, -17.1187, 17.2934



27.9085, 16.9461, -21.6242

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.



40.7289, 25.0295, -8.0917



40.7280, -17.1187, 17.2934



40.7289, 1.6500, -30.8186

Square

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



40.7289, -17.1196, 17.2937



40.7289, -20.7142, -16.3641



40.7289, 15.2925, -22.5013



40.7289, 20.4177, 14.7964

Rectangle

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



40.7280, -17.1187, 17.2934



40.7289, -25.1266, 2.9587



40.7289, 15.2925, -22.5013



40.7289, 27.3477, 1.4611

Sweetspot

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



40.7289, -17.1196, 17.2937



56.9189, -9.9722, 10.6489



35.8789, 2.7870, 13.6394



27.1292, -5.1501, 5.4931



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



40.7289, -17.1196, 17.2937



53.2518, -26.1296, 25.6917



39.3622, -22.4196, 15.6565



21.2901, -2.7877, 2.9763



39.4390, -27.9556, 23.8127



85.8484, -62.2517, 51.8096

Inverse Universe

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



27.9085, 16.9461, -21.6242



32.9086, 28.5307, -37.5832



30.6492, 24.2487, -15.1476



19.9735, 0.6468, -0.8704



16.3421, 37.0387, -59.6126



34.9693, 80.0655, -133.8317

Previews

White Background



This preview shows how the HunterLab color 40.7280, -17.1187, 17.2934 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 40.7280, -17.1187, 17.2934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

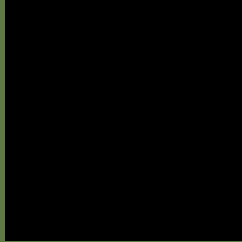
Any Text WCAG AA × Fail

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 40.7280, -17.1187, 17.2934 Background



This preview shows how black text looks on a background with the HunterLab color 40.7280, -17.1187, 17.2934.



This preview shows how white text looks on a background with the HunterLab color 40.7280, -17.1187, 17.2934.

-17.1187, 17.2934.

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

40.7280, -17.1187, 17.2934

Protanopia

40.5638, -4.4756, 18.0433

Deuteranopia

40.5871, 2.6524, 16.8314



Tritanopia

40.6311, -4.3313, -3.3511

Trichromacy



Original Color

40.7280, -17.1187, 17.2934

Protanomaly

40.3803, -9.4292, 17.5952

Deuteranomaly

40.3640, -5.0388, 16.7508

Tritanomaly

40.6854, -9.7149, 5.8145

Monochromacy



Original Color

40.7280, -17.1187, 17.2934

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.9690, -7.7074, 8.4724

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7280, -17.1187, 17.2934 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(92, 122, 66)` looks like.

```
.text, #text, p{  
    color:rgb(92, 122, 66)  
}
```

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(92, 122, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 122, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7280, -17.1187, 17.2934 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(92, 122, 66) }
```


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

```
.border{ border-color:rgb(92, 122, 66) }
```

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

Here you see how a box with a 4 pixel rgb(92, 122, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 122, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 122, 66);  
box-shadow:4px 4px 4px 4px rgb(92, 122,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7280, -17.1187, 17.2934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 122, 66) }
```

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

```
.background{ background-color: rgb(92, 122,  
66) }
```

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