

Converting Colors

HunterLab(38.7483, 0.2407,
17.4361)

Have a look what the booklet for
HunterLab(38.7483, 0.2407,
17.4361) contains.

HunterLab(38.7538, 0.2080, 17.3432)	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(38.7538, 0.2080,
17.3432)**

Conversions

Conversions Part 1

Format	Color
Hex	80693C
RGB	128, 105, 60
RGB Percent	50%, 41%, 24%
CMY	0.4980, 0.5882, 0.7647
CMYK	0.00, 0.18, 0.53, 0.50
HSL	40°, 36%, 37%
HSV	40°, 53%, 50%
XYZ	14.7692, 15.0186, 6.3954
YIQ	106.7470, 28.1530, -9.1190

Conversions

Conversions Part 2

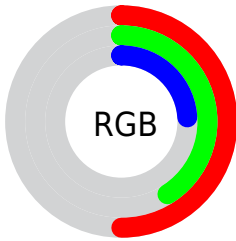
Format	Color
RYB	95, 128, 60
Decimal	8415548
CIELab	45.66, 3.03, 28.57
CIElCh	46, 28.727, 83.940
Yxy	15.0193, 0.4082, 0.4151
Android (android.graphics.Color)	4286605628 (0xFF80693C)
YUV	106.7470, -23.0463, 18.6389
Hunter-Lab	38.7538, 0.2080, 17.3432

Details

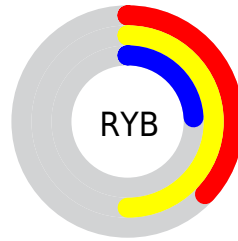
The HunterLab color $38.7538, 0.2080, 17.3432$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $29.5048, 1.9253, -22.8235$, and the grayscale version is $38.3259, -2.0450, 2.0823$.

A 20% lighter version of the original color is $58.9955, -0.7130, 22.0821$, and $21.5369, 0.9317, 12.0431$ is the 20% darker color. If you saturate the color by 10%, you get $37.4704, 1.3163, 18.8230$, and if you desaturate by 10%, it is $40.0947, -0.7055, 15.4238$.

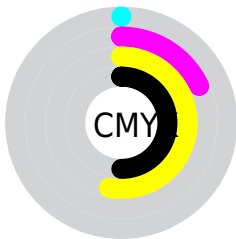
Distribution



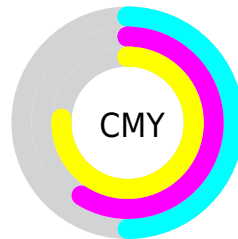
- Red (50%)
- Green (41%)
- Blue (24%)



- Red (37%)
- Yellow (50%)
- Blue (24%)



- Cyan (0%)
- Magenta (18%)
- Yellow (53%)
- Black (50%)



- Cyan (50%)
- Magenta (59%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7538, 0.2080, 17.3432 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 38.7538, 0.2080, 17.3432 by changing the saturation by 10% instead.

■ 38.7538, 0.2080,
17.3432

■ 38.7538, 0.2080,
17.3432

■ 149.4935, -4.4386,
36.4373

■ 29.7202, 0.5008,
14.7904

■ 59.0652, -0.5424,
22.0339

■ 21.5229, 0.7318,
12.0302

■ 70.2404, -0.9865,
24.2358

■ 14.2591, 0.8872,
9.9814

■ 82.0431, -1.4722,
26.3706

■ 7.9162, 1.2464,
5.5413

■ 94.4415, -1.9965,
28.4526

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.4083, -2.5572,
30.4927

0.0000, NaN, NaN

■ 120.9196, -3.1522,

0.0000, NaN, NaN

32.4992

0.0000, NaN, NaN

134.9543, -3.7798,
34.4790

■ 38.7538, 0.2080,
17.3432

■ 38.7538, 0.2080,
17.3432

■ 37.4704, 1.3163,
18.8230

■ 40.0947, -0.7055,
15.4238

■ 36.2436, 2.6234,
19.8534

■ 41.4885, -1.4222,
13.0784

■ 35.0754, 4.1225,
20.4362

■ 42.9338, -1.9490,
10.3265

■ 33.9659, 5.8009,
20.5900

■ 44.4283, -2.2926,
7.1892

■ 33.2278, 7.0024,
20.5974

■ 45.9698, -2.4610,
3.6887

■ 47.5561, -2.4628,
-0.1526

■ 49.1849, -2.3067,
-4.3125

■ 50.8541, -2.0018,
-8.7700

■ 52.5618, -1.5568,
-13.5049

Harmonies

Analogous

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



38.7547, 11.2950, 15.1843



38.7538, 0.2080, 17.3432



38.7547, -10.3474, 16.4449

Triad

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



38.7547, 0.2064, 17.3436



38.7547, -19.6942, -7.0557



38.7547, 16.7152, -11.8280

Complementary

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



38.7538, 0.2080, 17.3432



29.5048, 1.9253, -22.8235

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.



38.7547, 6.9665, -21.3816



38.7538, 0.2080, 17.3432



38.7547, -13.8380, -18.1281

Square

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



38.7547, 0.2064, 17.3436



38.7547, -21.0738, 4.1900



38.7547, -4.2949, -23.9629



38.7547, 21.4914, -0.0931

Rectangle

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



38.7538, 0.2080, 17.3432



38.7547, -15.7823, 14.0561



38.7547, -4.2949, -23.9629



38.7547, 13.8616, -15.5199

Sweetspot

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



38.7547, 0.2064, 17.3436



58.3016, -2.9201, 10.9442



29.0827, 23.4351, 1.3148



28.0464, -1.3772, 5.6422



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



38.7547, 0.2064, 17.3436



49.3303, 2.1306, 25.3511



44.2742, -13.0581, 21.3279



21.8679, -1.1559, 2.8261



33.0915, 6.9653, 20.5128

0.0000, NaN, NaN

Inverse Universe

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



29.5048, 1.9253, -22.8235



34.6083, 5.6868, -40.1742



24.6981, 14.9761, -33.5437



21.0500, -1.0654, -0.6049



18.1157, 14.9200, -54.8510

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 38.7538, 0.2080, 17.3432 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 38.7538, 0.2080, 17.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

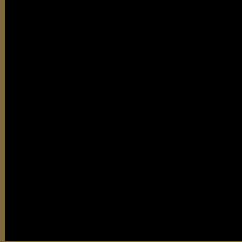
Any Text WCAG AA × Fail

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 38.7538, 0.2080, 17.3432 Background



This preview shows how black text looks on a background with the HunterLab color 38.7538, 0.2080, 17.3432.



This preview shows how white text looks on a background with the HunterLab color 38.7538, 0.2080,

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

38.7538, 0.2080, 17.3432

Protanopia

38.7092, -4.0467, 17.0194

Deuteranopia

38.6423, 2.5041, 17.2958



Tritanopia

38.5885, 9.4024, 2.5706

Trichromacy



Original Color

38.7538, 0.2080, 17.3432

Protanomaly

38.7168, -2.6276, 17.0502

Deuteranomaly

38.7971, 1.6976, 17.4033

Tritanomaly

38.5627, 5.9247, 8.9939

Monochromacy



Original Color

38.7538, 0.2080, 17.3432

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.3290, -1.5522, 8.6283

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7538, 0.2080, 17.3432 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(128, 105, 60)` looks like.

```
.text, #text, p{  
    color:rgb(128, 105, 60)  
}
```

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(128, 105, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 105, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7538, 0.2080, 17.3432 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(128, 105, 60) }
```


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

```
.border{ border-color:rgb(128, 105, 60) }
```

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

Here you see how a box with a 4 pixel rgb(128, 105, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 105, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 105, 60);  
box-shadow:4px 4px 4px 4px rgb(128, 105,  
60) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7538, 0.2080, 17.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 105, 60) }
```

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

```
.background{ background-color: rgb(128,  
105, 60) }
```

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