

Converting Colors

HunterLab(38.1999, -5.1081,
21.7440)

Have a look what the booklet for
HunterLab(38.1999, -5.1081,
21.7440) contains.

HunterLab(38.1999, -5.1081, 21.7440)	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(38.1999, -5.1081,
21.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	786B1C
RGB	120, 107, 28
RGB Percent	47%, 42%, 11%
CMY	0.5294, 0.5804, 0.8902
CMYK	0.00, 0.11, 0.77, 0.53
HSL	52°, 62%, 29%
HSV	52°, 77%, 47%
XYZ	13.2130, 14.5923, 3.2188
YIQ	101.8810, 33.1070, -21.8130

Conversions

Conversions Part 2

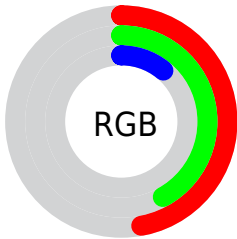
Format	Color
R_{YB}	43, 120, 28
Decimal	7891740
CIE _{Lab}	45.07, -4.22, 43.45
CIE _{LCh}	45, 43.658, 95.551
Yxy	14.5930, 0.4259, 0.4704
Android (android.graphics.Color)	4286081820 (0xFF786B1C)
YUV	101.8810, -36.4233, 15.8904
Hunter-Lab	38.1999, -5.1081, 21.7440

Details

The HunterLab color **38.1999, -5.1081, 21.7440** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **17.8572, 15.3513, -47.7255**, and the grayscale version is **36.5312, -1.9492, 1.9848**.

A 20% lighter version of the original color is **58.4104, -6.6240, 28.5600**, and **21.2060, -2.8506, 13.0171** is the 20% darker color. If you saturate the color by 10%, you get **37.6783, -4.7181, 22.3630**, and if you desaturate by 10%, it is **38.7548, -5.3409, 20.7154**.

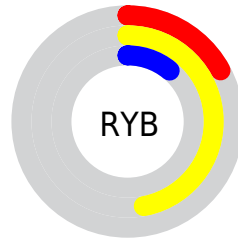
Distribution



Red (47%)

Green (42%)

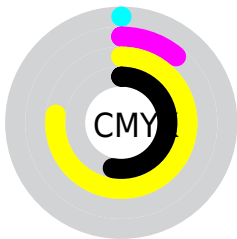
Blue (11%)



Red (17%)

Yellow (47%)

Blue (11%)

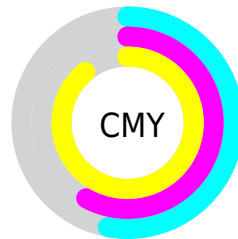


Cyan (0%)

Magenta (11%)

Yellow (77%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1999, -5.1081, 21.7440 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 38.1999, -5.1081, 21.7440 by changing the saturation by 10% instead.

■ 38.1999, -5.1081,
21.7440

■ 38.1999, -5.1081,
21.7440

148.6235,
-12.8120, 48.5439

■ 29.2135, -4.3582,
17.9986

■ 58.4274, -6.6710,
28.5551

■ 21.0681, -3.6226,
14.7477

■ 69.5645, -7.4835,
31.7042

■ 13.8631, -2.8958,
9.7042

■ 81.3312, -8.3177,
34.7243

■ 7.4931, -2.8559,
5.2452

■ 93.6953, -9.1737,
37.6384

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.6293,
-10.0513, 40.4644

0.0000, NaN, NaN

■ 120.1092,

0.0000, NaN, NaN

-10.9504, 43.2167

0.0000, NaN, NaN

134.1136,
-11.8707, 45.9068

38.1999, -5.1081,
21.7440

38.1999, -5.1081,
21.7440

37.6783, -4.7181,
22.3630

38.7548, -5.3409,
20.7154

37.1816, -4.1987,
22.6543

39.3422, -5.4013,
19.2513

37.0176, -4.0199,
22.7397

39.9641, -5.2835,
17.3364

40.6213, -4.9834,
14.9628

41.3144, -4.4990,
12.1286

■ 42.0435, -3.8304,
8.8366

■ 42.8085, -2.9794,
5.0940

■ 43.6092, -1.9490,
0.9110

■ 44.4452, -0.7434,
-3.6997

Harmonies

Analogous

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



38.2008, 12.2432, 20.7900



38.1999, -5.1081, 21.7440



38.2008, -19.0393, 19.5644

Triad

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



38.2008, -5.1096, 21.7443



38.2008, -24.8952, -20.4008



38.2008, 31.9694, -12.9201

Complementary

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



38.1999, -5.1081, 21.7440



17.8572, 15.3513, -47.7255

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.



38.2008, 18.5744, -32.2437



38.1999, -5.1081, 21.7440



38.2008, -14.4916, -37.7109

Square

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



38.2008, -5.1096, 21.7443



38.2008, -29.1291, -1.0082



38.2008, 1.1290, -42.7847



38.2008, 35.6444, 4.9290

Rectangle

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



38.1999, -5.1081, 21.7440



38.2008, -25.1607, 15.6800



38.2008, 1.1290, -42.7847



38.2008, 28.3534, -19.6609

Sweetspot

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



38.2008, -5.1096, 21.7443



55.0863, -5.7177, 14.7960



22.3371, 29.4378, 8.5141



26.6782, -2.9008, 7.8099



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.



38.2008, -5.1096, 21.7443



49.4692, -5.7337, 29.9481



39.4737, -19.6456, 22.3291



21.3121, -1.6012, 3.0210



38.6445, -4.1669, 23.7396



83.8424, -8.1991, 51.5198

Inverse Universe

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



17.8572, 15.3513, -47.7255



18.8027, 30.2739, -86.4330



17.7586, 26.0267, -47.9270



19.9413, -0.5321, -0.9322



13.7869, 26.4853, -74.4065



28.8068, 62.7531, -171.4719

Previews

White Background



This preview shows how the HunterLab color 38.1999, -5.1081, 21.7440 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 38.1999, -5.1081, 21.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

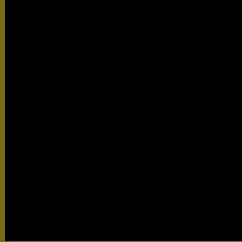
Any Text WCAG AA × Fail

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 38.1999, -5.1081, 21.7440 Background



This preview shows how black text looks on a background with the HunterLab color 38.1999, -5.1081, 21.7440.



This preview shows how white text looks on a background with the HunterLab color 38.1999, -5.1081,

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

38.1999, -5.1081, 21.7440

Protanopia

38.1999, -5.1081, 21.7440

Deuteranopia

38.0387, 2.5050, 21.5686



Tritanopia

38.2527, 7.1039, 1.7057

Trichromacy



Original Color

38.1999, -5.1081, 21.7440

Protanomaly

38.1999, -5.1081, 21.7440

Deuteranomaly

38.0215, -0.2234, 21.6121

Tritanomaly

38.1446, 1.4456, 12.0321

Monochromacy



Original Color

38.1999, -5.1081, 21.7440

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.9592, -4.1777, 12.0224

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1999, -5.1081, 21.7440 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(120, 107, 28)` looks like.

```
.text, #text, p{  
    color:rgb(120, 107, 28)  
}
```

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(120, 107, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 107, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1999, -5.1081, 21.7440 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(120, 107, 28) }
```


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

```
.border{ border-color:rgb(120, 107, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 107, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 107, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 107, 28);  
box-shadow:4px 4px 4px 4px rgb(120, 107,  
28) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1999, -5.1081, 21.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 107, 28) }
```

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

```
.background{ background-color: rgb(120,  
107, 28) }
```

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