

Converting Colors

HunterLab(38.2003, -1.6383,
3.8067)

Have a look what the booklet for
HunterLab(38.2003, -1.6383, 3.8067)
contains.

HunterLab(38.1033, -1.7564, 3.8884) 3
 Conversions 4
 Details 6
 Harmonies 12
 Previews 24
 Color Blindness Simulation 28
 CSS Examples 31

Color

**HunterLab(38.1033, -1.7564,
3.8884)**

Conversions

Conversions Part 1	
Format	Color
Hex	6D6A66
RGB	109, 106, 102
RGB Percent	43%, 42%, 40%
CMY	0.5725, 0.5843, 0.6000
CMYK	0.00, 0.03, 0.06, 0.57
HSL	34°, 3%, 41%
HSV	34°, 6%, 43%
XYZ	13.8590, 14.5186, 14.6423
YIQ	106.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

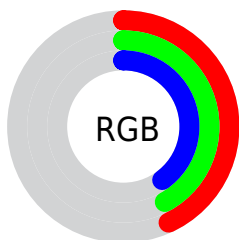
Format	Color
RYB	107, 109, 102
Decimal	7170662
CIELab	44.97, 0.38, 2.65
CIELCh	45, 2.678, 81.931
Yxy	14.5192, 0.3222, 0.3375
Android (android.graphics.Color)	4285360742 (0xFF6D6A66)
YUV	106.4410, -2.1894, 2.2442
Hunter-Lab	38.1033, -1.7564, 3.8884

Details

The HunterLab color $[38.1033, -1.7564, 3.8884]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[37.4591, -2.2174, 0.1432]$, and the grayscale version is $[38.1397, -2.0350, 2.0722]$.

A 20% lighter version of the original color is $[58.2129, -2.8180, 5.1266]$, and $[21.0426, -0.8561, 2.7673]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.5798, -1.1358, 6.4411]$, and if you desaturate by 10%, it is $[39.6718, -2.2473, 1.1015]$.

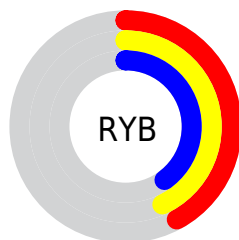
Distribution



Red (43%)

Green (42%)

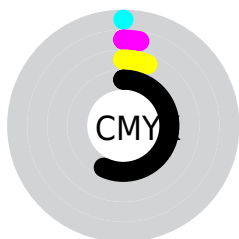
Blue (40%)



Red (42%)

Yellow (43%)

Blue (40%)

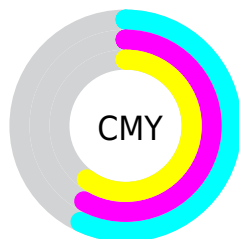


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (57%)



Cyan (57%)


Magenta (58%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 38.1033, -1.7564, 3.8884 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 38.1033, -1.7564, 3.8884 by changing the saturation by 10% instead.


 38.1033, -1.7564,
3.8884


 38.1033, -1.7564,
3.8884


148.4714, -7.4932,
10.9811


 29.1251, -1.3015,
3.2365


 58.3160, -2.7947,
5.2789


 20.9889, -0.8931,
2.6118

 69.4465, -3.3700,
6.0157

 13.7941, -0.5385,
2.0127

 81.2068, -3.9800,
6.7795

 7.4165, -0.1753,
1.8856

 93.5649, -4.6228,
7.5696

0.0000, NaN, NaN

0.0000, NaN, NaN

106.4932, -5.2969,
8.3855

0.0000, NaN, NaN

119.9675, -6.0007,

0.0000, NaN, NaN

9.2265

0.0000, NaN, NaN

133.9666, -6.7332,
10.0919

■ 38.1033, -1.7564,
3.8884

■ 38.1033, -1.7564,
3.8884

■ 36.5798, -1.1358,
6.4411

■ 39.6718, -2.2473,
1.1015

■ 35.1017, -0.3743,
8.7380

■ 41.2801, -2.6141,
-1.9027

■ 33.6730, 0.5351,
10.7586

■ 42.9265, -2.8661,
-5.1062

■ 32.2968, 1.5996,
12.4820

■ 44.6088, -3.0112,
-8.4932

■ 30.9766, 2.8244,
13.8877

■ 46.3247, -3.0570,
-12.0492

■ 29.7157, 4.2127,
14.9575

■ 48.0725, -3.0105,
-15.7611

■ 28.5175, 5.7638,
15.6778

■ 49.8502, -2.8785,
-19.6171

■ 27.3850, 7.4719,
16.0430

■ 51.6564, -2.6670,
-23.6067

■ 26.3161, 9.3016,
16.1264

■ 53.4894, -2.3816,
-27.7202

Harmonies

Analogous

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



38.1041, -0.8089, 3.5247



38.1033, -1.7564, 3.8884



38.1041, -2.7705, 3.7772

Triad

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



38.1041, -1.7574, 3.8890



38.1041, -3.8512, 1.3652



38.1041, -0.4667, 0.8965

Complementary

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



38.1033, -1.7564, 3.8884



37.4591, -2.2174, 0.1432

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.



38.1041, -1.2942, 0.2886



38.1033, -1.7564, 3.8884



38.1041, -3.2462, 0.5641

Square

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



38.1041, -1.7574, 3.8890



38.1041, -3.9723, 2.3371



38.1041, -2.3122, 0.1653



38.1041, -0.0586, 1.8093

Rectangle

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



38.1033, -1.7564, 3.8884



38.1041, -3.3469, 3.4464



38.1041, -2.3122, 0.1653



38.1041, -0.7055, 0.6488

Sweetspot

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



38.1041, -1.7574, 3.8890



51.8979, -2.6589, 3.6125



37.1144, 0.5054, 1.5140



25.0524, -1.2880, 1.7124



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



38.1041, -1.7574, 3.8890



50.6173, -2.2152, 5.8427



38.8825, -3.2389, 4.7343



18.3767, -0.7861, 2.2197



27.9726, 10.9518, 17.4283



61.7421, 27.7115, 38.5303

Inverse Universe

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



37.4591, -2.2174, 0.1432



49.5142, -3.0015, -0.5644



36.6868, -0.7341, -0.7888



17.9400, -1.0972, -0.3165



18.9549, 8.0692, -41.1109



40.8057, 22.5792, -99.7456

Previews

White Background



This preview shows how the HunterLab color 38.1033, -1.7564, 3.8884 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 38.1033, -1.7564, 3.8884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

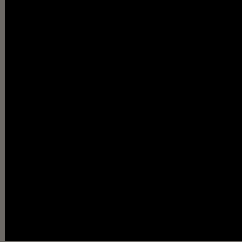
Any Text WCAG AA × Fail

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 38.1033, -1.7564, 3.8884 Background



This preview shows how black text looks on a background with the HunterLab color 38.1033, -1.7564, 3.8884.



This preview shows how white text looks on a background with the HunterLab color 38.1033, -1.7564,

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

38.1033, -1.7564, 3.8884

Protanopia

38.1033, -1.7564, 3.8884

Deuteranopia

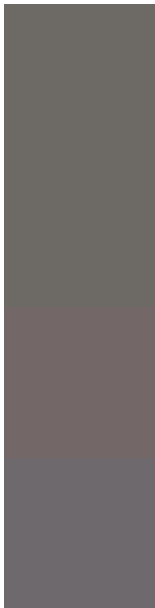
38.1200, 2.4502, 3.5740



Tritanopia

38.0426, 1.3977, -0.8822

Trichromacy



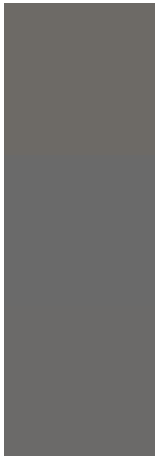
Original Color
38.1033, -1.7564, 3.8884

Protanomaly
38.1033, -1.7564, 3.8884

Deuteranomaly
38.1113, 1.0716, 3.5400

Tritanomaly
38.1081, 0.0224, 0.9726

Monochromacy



Original Color
38.1033, -1.7564, 3.8884

Achromatopsia
37.9643, -2.0257, 2.0627

Achromatomaly
38.0181, -1.8928, 2.5511

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1033, -1.7564, 3.8884 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(109, 106, 102) looks like.

```
.text, #text, p{  
    color:rgb(109, 106, 102)  
}
```

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(109, 106, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 106, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1033, -1.7564, 3.8884 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(109, 106, 102) }
```


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

```
.border{ border-color:rgb(109, 106, 102) }
```

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

Here you see how a box with a 4 pixel rgb(109, 106, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 106, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 106, 102);  
box-shadow:4px 4px 4px 4px rgb(109, 106,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1033, -1.7564, 3.8884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 106, 102) }
```

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

```
.background{ background-color: rgb(109,  
106, 102) }
```

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