

Converting Colors

HunterLab(38.1924, -8.7819,
8.2130)

Have a look what the booklet for
HunterLab(38.1924, -8.7819, 8.2130)
contains.

HunterLab(38.2733, -8.8685, 8.4441)	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(38.2733, -8.8685,
8.4441)**

Conversions

Conversions Part 1

Format	Color
Hex	616F5A
RGB	97, 111, 90
RGB Percent	38%, 44%, 35%
CMY	0.6196, 0.5647, 0.6471
CMYK	0.13, 0.00, 0.19, 0.56
HSL	100°, 10%, 39%
HSV	100°, 19%, 44%
XYZ	12.4597, 14.6485, 11.8436
YIQ	104.4200, -1.6030, -9.4990

Conversions

Conversions Part 2

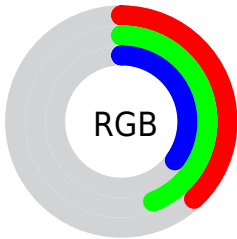
Format	Color
R_{YB}	90, 111, 104
Decimal	6385498
CIE Lab	45.15, -9.58, 9.96
CIE LCh	45, 13.817, 133.884
Yxy	14.6491, 0.3199, 0.3761
Android (android.graphics.Color)	4284575578 (0xFF616F5A)
YUV	104.4200, -7.1091, -6.5073
Hunter-Lab	38.2733, -8.8685, 8.4441

Details

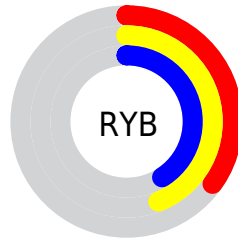
The HunterLab color **38.2733, -8.8685, 8.4441** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **33.7691, 5.5767, -5.4999**, and the grayscale version is **37.3926, -1.9952, 2.0316**.

A 20% lighter version of the original color is **58.6376, -11.1597, 10.8499**, and **21.0118, -6.6338, 6.1074** is the 20% darker color. If you saturate the color by 10%, you get **37.5316, -12.0800, 11.2596**, and if you desaturate by 10%, it is **39.0873, -5.4084, 5.2757**.

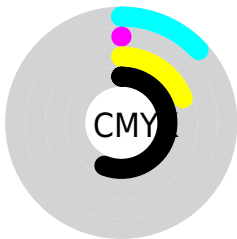
Distribution



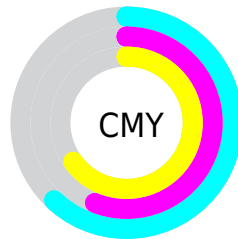
- Red (38%)
- Green (44%)
- Blue (35%)



- Red (35%)
- Yellow (44%)
- Blue (41%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)
- Black (56%)



- Cyan (62%)
- Magenta (56%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.2733, -8.8685, 8.4441 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 38.2733, -8.8685, 8.4441 by changing the saturation by 10% instead.

■ 38.2733, -8.8685,
8.4441

■ 38.2733, -8.8685,
8.4441

148.7388,
-18.9114, 18.6891

■ 29.2805, -7.7613,
7.3016

■ 58.5119, -11.0591,
10.6904

■ 21.1283, -6.6278,
6.1253

■ 69.6541, -12.1544,
11.8097

■ 13.9154, -5.4440,
4.8854

■ 81.4255, -13.2553,
12.9329

■ 7.5506, -5.9310,
5.2854

■ 93.7942, -14.3644,
14.0632

0.0000, NaN, NaN

0.0000, NaN, NaN

106.7326,
-15.4834, 15.2027

0.0000, NaN, NaN

120.2166,

0.0000, NaN, NaN

-16.6137, 16.3527

0.0000, NaN, NaN

134.2250,
-17.7561, 17.5146

■ 38.2733, -8.8685,
8.4441

■ 38.2733, -8.8685,
8.4441

■ 37.5316, -12.0800,
11.2596

■ 39.0873, -5.4084,
5.2757

■ 36.8608, -15.0201,
13.7052

■ 39.9695, -1.7185,
1.7724

■ 36.2624, -17.6720,
15.7703

■ 40.9187, 2.1782,
-2.0439

■ 35.7365, -20.0217,
17.4501

■ 41.9328, 6.2599,
-6.1501

■ 35.2823, -22.0596,
18.7475

■ 43.0093, 10.5055,
-10.5230

■ 34.8983, -23.7822,
19.6747

■ 44.1458, 14.8949,
-15.1393

■ 34.5819, -25.1932,
20.2552

■ 45.3396, 19.4098,
-19.9768

■ 34.3224, -26.3477,
20.6286

■ 46.5883, 24.0333,
-25.0143

■ 34.2968, -26.4628,
20.6702

■ 47.8891, 28.7501,
-30.2319

Harmonies

Analogous

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



38.2741, -4.4642, 10.3652



38.2733, -8.8685, 8.4441



38.2741, -11.3695, 4.6830

Triad

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



38.2741, -8.8694, 8.4446



38.2741, -4.8379, -8.4740



38.2741, 8.3828, 4.3420

Complementary

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



38.2733, -8.8685, 8.4441



33.7691, 5.5767, -5.4999

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.



38.2741, 8.2692, -0.7125



38.2733, -8.8685, 8.4441



38.2741, 0.4373, -8.5982

Square

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



38.2741, -8.8694, 8.4446



38.2741, -9.1301, -5.2813



38.2741, 5.2954, -5.6006



38.2741, 5.5978, 8.2244

Rectangle

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



38.2733, -8.8685, 8.4441



38.2741, -11.7095, 1.4194



38.2741, 5.2954, -5.6006



38.2741, 8.6868, 2.7357

Sweetspot

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



38.2741, -8.8694, 8.4446



52.6200, -5.9054, 5.8109



37.4419, -1.8695, 7.7212



25.7652, -3.0052, 2.9524



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



38.2741, -8.8694, 8.4446



50.7361, -13.9337, 13.1331



37.8714, -10.1894, 6.7621



19.5250, -2.7184, 2.6510



37.2114, -28.8008, 22.4253



82.7945, -65.3668, 49.8733

Inverse Universe

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



33.7691, 5.5767, -5.4999



43.2564, 10.0836, -10.0807



34.2992, 7.0717, -3.0263



18.4404, 0.7533, -0.6945



17.4751, 37.6656, -48.6989



38.3756, 83.2744, -111.2858

Previews

White Background



This preview shows how the HunterLab color 38.2733, -8.8685, 8.4441 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 38.2733, -8.8685, 8.4441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

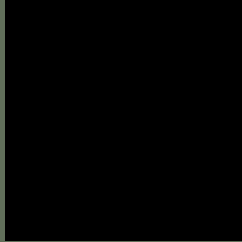
Any Text WCAG AA × Fail

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 38.2733, -8.8685, 8.4441 Background



This preview shows how black text looks on a background with the HunterLab color 38.2733, -8.8685, 8.4441.



This preview shows how white text looks on a background with the HunterLab color 38.2733, -8.8685,

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

38.2733, -8.8685, 8.4441

Protanopia

38.1095, -2.4031, 9.0771

Deuteranopia

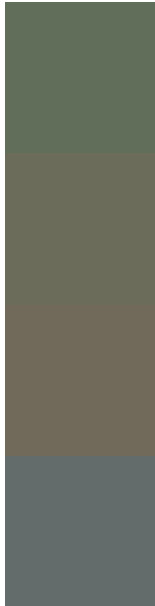
38.2240, 2.2591, 7.8876



Tritanopia

38.1353, -2.2513, -2.2293

Trichromacy



Original Color

38.2733, -8.8685, 8.4441

Protanomaly

38.1735, -4.9441, 8.7565

Deuteranomaly

38.1761, -2.0383, 8.1167

Tritanomaly

38.0736, -4.4061, 1.7225

Monochromacy



Original Color

38.2733, -8.8685, 8.4441

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.6602, -4.8734, 4.5367

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.2733, -8.8685, 8.4441 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(97, 111, 90)` looks like.

```
.text, #text, p{  
    color:rgb(97, 111, 90)  
}
```

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(97, 111, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 111, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 38.2733, -8.8685, 8.4441 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(97, 111, 90) }
```


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

```
.border{ border-color:rgb(97, 111, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 111, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 111, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 111, 90);  
box-shadow:4px 4px 4px 4px rgb(97, 111,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.2733, -8.8685, 8.4441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 111, 90) }
```

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

```
.background{ background-color: rgb(97, 111,  
90) }
```

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