

Converting Colors

HunterLab(38.1283, 2.5683,
0.0156)

Have a look what the booklet for
HunterLab(38.1283, 2.5683, 0.0156)
contains.

HunterLab(38.0697, 2.7236, 0.0843)	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(38.0697, 2.7236,
0.0843)**

Conversions

Conversions Part 1

Format	Color
Hex	73676F
RGB	115, 103, 111
RGB Percent	45%, 40%, 44%
CMY	0.5490, 0.5961, 0.5647
CMYK	0.00, 0.10, 0.03, 0.55
HSL	320°, 6%, 43%
HSV	320°, 10%, 45%
XYZ	14.7897, 14.4930, 17.0569
YIQ	107.5000, 4.5840, 5.0320

Conversions

Conversions Part 2

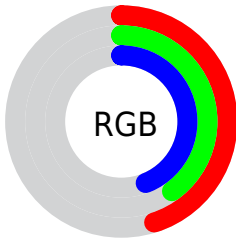
Format	Color
R_{YB}	115, 103, 111
Decimal	7563119
CIE Lab	44.93, 6.29, -2.76
CIE LCh	45, 6.872, 336.334
Yxy	14.4937, 0.3192, 0.3128
Android (android.graphics.Color)	4285753199 (0xFF73676F)
YUV	107.5000, 1.7255, 6.5775
Hunter-Lab	38.0697, 2.7236, 0.0843

Details

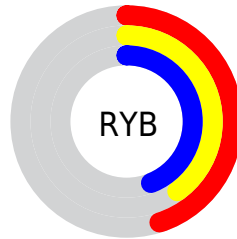
The HunterLab color $[38.0697, 2.7236, 0.0843]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[40.2579, -6.6976, 4.2024]$, and the grayscale version is $[38.5274, -2.0557, 2.0933]$.

A 20% lighter version of the original color is $[58.2847, 2.4435, 0.7095]$, and $[20.9297, 2.8271, -0.3754]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.0405, 7.5371, -1.8904]$, and if you desaturate by 10%, it is $[41.2641, -2.0067, 2.1581]$.

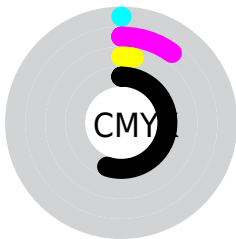
Distribution



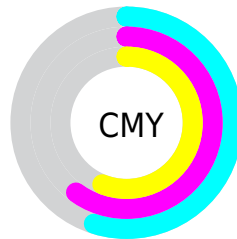
- Red (45%)
- Green (40%)
- Blue (44%)



- Red (45%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (55%)



- Cyan (55%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0697, 2.7236, 0.0843 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 38.0697, 2.7236, 0.0843 by changing the saturation by 10% instead.

■ 38.0697, 2.7236,
0.0843

■ 38.0697, 2.7236,
0.0843

■ 148.4185, -0.5475,
4.9994

■ 29.0943, 2.8146,
-0.2425

■ 58.2773, 2.3364,
0.8965

■ 20.9613, 2.8240,
-0.5086

■ 69.4054, 2.0575,
1.3710

■ 13.7702, 2.7319,
-0.7024

■ 81.1635, 1.7286,
1.8865

■ 7.3897, 3.3169,
-1.1451

■ 93.5196, 1.3537,
2.4404

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.4459, 0.9361,
3.0304

0.0000, NaN, NaN

■ 119.9183, 0.4785,

0.0000, NaN, NaN

3.6547

0.0000, NaN, NaN

133.9155, -0.0167,
4.3115

■ 38.0697, 2.7236,
0.0843

■ 38.0697, 2.7236,
0.0843

■ 35.0405, 7.5371,
-1.8904

■ 41.2641, -2.0067,
2.1581

■ 32.2003, 12.4109,
-3.7301

■ 44.5997, -6.6431,
4.3029

■ 29.5814, 17.2880,
-5.3804

■ 48.0595, -11.1891,
6.5013

■ 27.2209, 22.0661,
-6.7682

■ 51.6293, -15.6522,
8.7412

■ 25.1595, 26.5806,
-7.8012

■ 55.2970, -20.0421,
11.0144

■ 23.4385, 30.5988,
-8.3747

■ 59.0530, -24.3688,
13.3151

■ 22.0924, 33.8420,
-8.3941

■ 62.8889, -28.6420,
15.6395

■ 21.1385, 36.0527,
-7.8099

■ 66.7980, -32.8706,
17.9847

■ 20.4351, 37.5944,
-6.9395

■ 70.7745, -37.0625,
20.3490

Harmonies

Analogous

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



38.0705, 1.0175, -2.0215



38.0697, 2.7236, 0.0843



38.0705, 3.1381, 2.6006

Triad

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



38.0705, 2.7226, 0.0850



38.0705, -2.5911, 6.5611



38.0705, -6.0323, -0.8976

Complementary

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



38.0697, 2.7236, 0.0843



40.2579, -6.6976, 4.2024

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.



38.0705, -6.9427, 1.5363



38.0697, 2.7236, 0.0843



38.0705, -4.9911, 5.7565

Square

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



38.0705, 2.7226, 0.0850



38.0705, 0.0233, 6.2304



38.0705, -6.5668, 3.9579



38.0705, -4.0473, -2.6152

Rectangle

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



38.0697, 2.7236, 0.0843



38.0705, 2.6180, 4.1504



38.0705, -6.5668, 3.9579



38.0705, -6.4717, -0.1300

Sweetspot

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



38.0705, 2.7226, 0.0850



54.0677, -1.0227, 2.1434



37.5031, 1.0458, -2.5151



26.2579, -0.2798, 0.9494



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



38.0705, 2.7226, 0.0850



49.7411, 5.5065, -0.6706



37.9024, 1.8205, 2.4801



19.3343, 1.0371, 0.1836



21.8400, 40.1627, -7.2906



48.0420, 88.0489, -13.7277

Inverse Universe

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



38.0705, 2.7226, 0.0850



49.7411, 5.5065, -0.6706



40.4198, -5.7937, 1.8883



19.3343, 1.0371, 0.1836



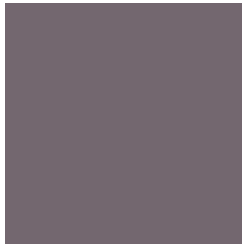
21.8400, 40.1627, -7.2906



48.0420, 88.0489, -13.7277

Previews

White Background



This preview shows how the HunterLab color 38.0697, 2.7236, 0.0843 looks on a white background.

Color Contrast Check

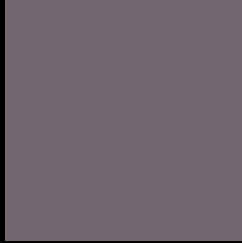
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.0697, 2.7236, 0.0843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

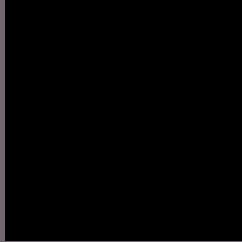
Any Text WCAG AA × Fail

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 38.0697, 2.7236, 0.0843 Background



This preview shows how black text looks on a background with the HunterLab color 38.0697, 2.7236, 0.0843.



This preview shows how white text looks on a background with the HunterLab color 38.0697, 2.7236,

0.0843.

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

38.0697, 2.7236, 0.0843

Protanopia

38.1635, -0.9373, -0.7715

Deuteranopia

38.0697, 2.7236, 0.0843



Tritanopia

38.0697, 2.7236, 0.0843

Trichromacy



Original Color

38.0697, 2.7236, 0.0843

Protanomaly

38.1106, 0.2035, -0.3610

Deuteranomaly

38.0697, 2.7236, 0.0843

Tritanomaly

38.0697, 2.7236, 0.0843

Monochromacy



Original Color

38.0697, 2.7236, 0.0843

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.4600, -0.1475, 1.3924

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0697, 2.7236, 0.0843 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(115, 103, 111)` looks like.

```
.text, #text, p{  
    color:rgb(115, 103, 111)  
}
```

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(115, 103, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 103, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0697, 2.7236, 0.0843 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(115, 103, 111) }
```


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

```
.border{ border-color:rgb(115, 103, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 103, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 103, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 103, 111);  
box-shadow:4px 4px 4px 4px rgb(115, 103,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0697, 2.7236, 0.0843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 103, 111) }
```

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

```
.background{ background-color: rgb(115,  
103, 111) }
```

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