

Converting Colors

HunterLab(37.8697, -1.2014,
-2.5231)

Have a look what the booklet for
HunterLab(37.8697, -1.2014,
-2.5231) contains.

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Color

**HunterLab(38.0166, -1.2643,
-2.3655)**

Conversions

Conversions Part 1

Format	Color
Hex	676A74
RGB	103, 106, 116
RGB Percent	40%, 42%, 45%
CMY	0.5961, 0.5843, 0.5451
CMYK	0.11, 0.09, 0.00, 0.55
HSL	226°, 6%, 43%
HSV	226°, 11%, 45%
XYZ	13.9000, 14.4526, 18.5801
YIQ	106.2430, -4.9980, 2.4740

Conversions

Conversions Part 2

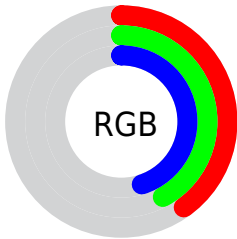
Format	Color
R_{YB}	103, 105, 116
Decimal	6777460
CIE Lab	44.88, 1.03, -5.97
CIE LCh	45, 6.063, 279.819
Yxy	14.4532, 0.2962, 0.3079
Android (android.graphics.Color)	4284967540 (0xFF676A74)
YUV	106.2430, 4.8102, -2.8441
Hunter-Lab	38.0166, -1.2643, -2.3655

Details

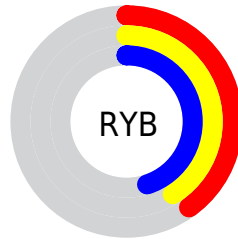
The HunterLab color $[38.0166, -1.2643, -2.3655]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[40.6232, -2.7376, 6.2551]$, and the grayscale version is $[38.0409, -2.0298, 2.0668]$.

A 20% lighter version of the original color is $[58.1473, -2.1393, -1.9811]$, and $[20.9429, -0.5267, -2.5868]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.7418, -0.2292, -6.7947]$, and if you desaturate by 10%, it is $[41.3800, -2.1347, 1.7860]$.

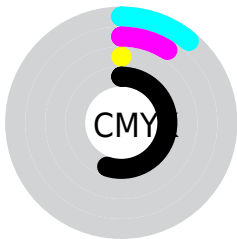
Distribution



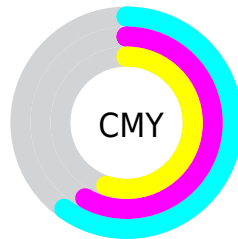
- Red (40%)
- Green (42%)
- Blue (45%)



- Red (40%)
- Yellow (41%)
- Blue (45%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (55%)



- Cyan (60%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0166, -1.2643, -2.3655 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 38.0166, -1.2643, -2.3655 by changing the saturation by 10% instead.

■ 38.0166, -1.2643,
-2.3655

■ 38.0166, -1.2643,
-2.3655

■ 148.3349, -6.7204,
1.3235

■ 29.0458, -0.8510,
-2.5173

■ 58.2160, -2.2279,
-1.8719

■ 20.9178, -0.4888,
-2.5951

■ 69.3405, -2.7695,
-1.5441

■ 13.7324, -0.1862,
-2.5849

■ 81.0952, -3.3475,
-1.1684

■ 7.3471, 0.2208,
-2.9755

■ 93.4479, -3.9599,
-0.7482

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.3710, -4.6048,
-0.2866

0.0000, NaN, NaN

■ 119.8404, -5.2808,

0.0000, NaN, NaN

0.2139

0.0000, NaN, NaN

133.8347, -5.9864,
0.7512

■ 38.0166, -1.2643,
-2.3655

■ 38.0166, -1.2643,
-2.3655

■ 34.7418, -0.2292,
-6.7947

■ 41.3800, -2.1347,
1.7860

■ 31.5649, 1.0104,
-11.5687

■ 44.8204, -2.8677,
5.7104

■ 28.5017, 2.5010,
-16.7658

■ 48.3310, -3.4874,
9.4504

■ 25.5716, 4.3014,
-22.4782

■ 51.9058, -4.0122,
13.0400

■ 22.8004, 6.4811,
-28.8039

■ 55.5396, -4.4571,
16.5062

■ 20.2221, 9.1145,
-35.8249

■ 59.2282, -4.8339,
19.8710

■ 17.8812, 12.2616,
-43.5545

■ 62.9680, -5.1524,
23.1523

■ 15.8340, 15.9213,
-51.8355

■ 66.7558, -5.4203,
26.3644

■ 14.2652, 19.3246,
-59.5466

■ 70.5888, -5.6443,
29.5193

Harmonies

Analogous

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



38.0174, -3.5609, -2.1433



38.0166, -1.2643, -2.3655



38.0174, 0.8753, -1.3447

Triad

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



38.0174, -1.2651, -2.3648



38.0174, 1.4651, 4.6936



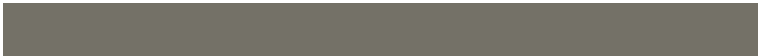
38.0174, -6.1370, 3.5077

Complementary

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



38.0166, -1.2643, -2.3655



40.6232, -2.7376, 6.2551

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.



38.0174, -4.8516, 5.1935



38.0166, -1.2643, -2.3655



38.0174, -0.4756, 5.8491

Square

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



38.0174, -1.2651, -2.3648



38.0174, 2.4763, 2.7876



38.0174, -2.7900, 6.0265



38.0174, -6.3368, 1.3369

Rectangle

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



38.0166, -1.2643, -2.3655



38.0174, 1.9123, -0.1317



38.0174, -2.7900, 6.0265



38.0174, -5.8190, 4.1463

Sweetspot

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



38.0174, -1.2651, -2.3648



54.0208, -2.6295, 1.3638



40.7015, -6.2423, 2.2270



26.2291, -1.2461, 0.4777



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.



38.0174, -1.2651, -2.3648



49.4722, -1.4057, -4.3484



37.4895, 1.0636, -3.0123



19.2731, -0.7293, -0.7196



15.0268, 20.7335, -63.5397



31.4513, 51.3047, -150.0634

Inverse Universe

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



38.0190, 2.2703, 2.2011



49.4884, 4.1605, 2.9254



41.1706, -5.0892, 6.8002



19.2703, 0.6926, 1.0956



20.6202, 35.7254, 10.1253



45.3960, 78.4083, 24.1694

Previews

White Background



This preview shows how the HunterLab color 38.0166, -1.2643, -2.3655 looks on a white background.

Color Contrast Check

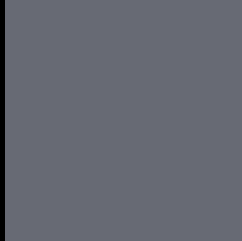
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.0166, -1.2643, -2.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

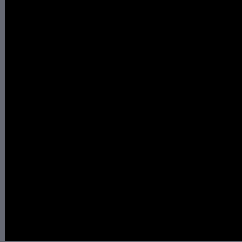
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

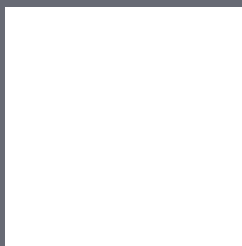
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 38.0166, -1.2643, -2.3655 Background



This preview shows how black text looks on a background with the HunterLab color 38.0166, -1.2643, -2.3655.



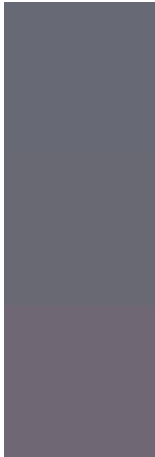
This preview shows how white text looks on a background with the HunterLab color 38.0166, -1.2643, -2.3655.

-2.3655.

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

38.0166, -1.2643, -2.3655

Protanopia

37.9043, -0.2637, -2.4935

Deuteranopia

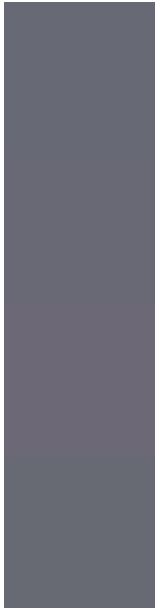
37.9863, 2.8033, -2.8120



Tritanopia

37.9861, -1.4306, -1.9344

Trichromacy



Original Color

38.0166, -1.2643, -2.3655

Protanomaly

37.8248, -0.5368, -2.6016

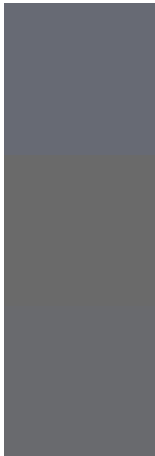
Deuteranomaly

37.9950, 1.4787, -2.8239

Tritanomaly

37.9861, -1.4306, -1.9344

Monochromacy



Original Color

38.0166, -1.2643, -2.3655

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

37.9962, -1.6904, 0.3644

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0166, -1.2643, -2.3655 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(103, 106, 116)` looks like.

```
.text, #text, p{  
    color:rgb(103, 106, 116)  
}
```

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(103, 106, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 106, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0166, -1.2643, -2.3655 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(103, 106, 116) }
```


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

```
.border{ border-color:rgb(103, 106, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 106, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 106, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 106, 116);  
box-shadow:4px 4px 4px 4px rgb(103, 106,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0166, -1.2643, -2.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 106, 116) }
```

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

```
.background{ background-color: rgb(103,  
106, 116) }
```

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](#).

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