

Converting Colors

HunterLab(38.6231, 5.7720,
4.7210)

Have a look what the booklet for
HunterLab(38.6231, 5.7720, 4.7210)
contains.

HunterLab(38.6964, 5.6349, 4.6830)	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(38.6964, 5.6349,
4.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6666
RGB	127, 102, 102
RGB Percent	50%, 40%, 40%
CMY	0.5020, 0.6000, 0.6000
CMYK	0.00, 0.20, 0.20, 0.50
HSL	0°, 11%, 45%
HSV	0°, 20%, 50%
XYZ	15.9021, 14.9741, 14.6226
YIQ	109.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

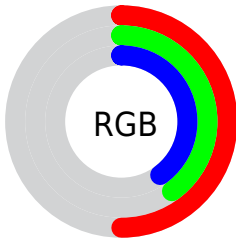
Format	Color
R_{YB}	127, 102, 102
Decimal	8349286
CIE _{Lab}	45.60, 10.00, 3.79
CIE _{LCh}	46, 10.692, 20.736
Yxy	14.9748, 0.3495, 0.3291
Android (android.graphics.Color)	4286539366 (0xFF7F6666)
YUV	109.4750, -3.6852, 15.3694
Hunter-Lab	38.6964, 5.6349, 4.6830

Details

The HunterLab color **38.6964, 5.6349, 4.6830** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44.1989, -9.0982, 0.1414**, and the grayscale version is **39.2974, -2.0968, 2.1351**.

A 20% lighter version of the original color is **58.9794, 5.6286, 6.1456**, and **21.4149, 5.1702, 3.2793** is the 20% darker color. If you saturate the color by 10%, you get **35.2618, 10.0024, 5.9002**, and if you desaturate by 10%, it is **42.3517, 1.4400, 3.5416**.

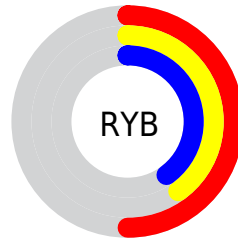
Distribution



Red (50%)

Green (40%)

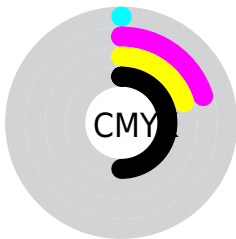
Blue (40%)



Red (50%)

Yellow (40%)

Blue (40%)

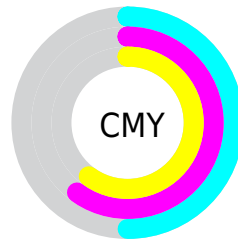


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (50%)



Cyan (50%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.6964, 5.6349, 4.6830 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 38.6964, 5.6349, 4.6830 by changing the saturation by 10% instead.

■ 38.6964, 5.6349,
4.6830

■ 38.6964, 5.6349,
4.6830

149.4033, 3.8357,
12.2627

■ 29.6677, 5.5141,
3.9572

■ 58.9991, 5.6311,
6.2041

■ 21.4757, 5.2948,
3.2504

■ 70.1704, 5.5284,
6.9996

■ 14.2179, 4.9529,
2.5573

■ 81.9693, 5.3673,
7.8189

■ 7.8735, 5.1135,
2.4216

■ 94.3642, 5.1529,
8.6618

0.0000, NaN, NaN

0.0000, NaN, NaN

107.3276, 4.8894,
9.5280

0.0000, NaN, NaN

120.8357, 4.5801,

0.0000, NaN, NaN

10.4171

0.0000, NaN, NaN

134.8672, 4.2280,
11.3288

■ 38.6964, 5.6349,
4.6830

■ 38.6964, 5.6349,
4.6830

■ 35.2618, 10.0024,
5.9002

■ 42.3517, 1.4400,
3.5416

■ 32.0858, 14.5266,
7.1874

■ 46.1924, -2.5825,
2.4702

■ 29.2188, 19.1410,
8.5271

■ 50.1935, -6.4497,
1.4625

■ 26.7184, 23.7076,
9.8771

■ 54.3341, -10.1810,
0.5103

■ 24.6460, 27.9909,
11.1629

■ 58.5978, -13.7962,
-0.3941

■ 23.0568, 31.6635,
12.2787

■ 62.9710, -17.3137,
-1.2579

■ 21.9820, 34.3794,
13.1109

■ 67.4427, -20.7495,
-2.0872

■ 21.2648, 36.3124,
13.7069

■ 72.0038, -24.1178,
-2.8874

■ 21.2422, 36.3747,
13.7262

■ 76.6468, -27.4303,
-3.6631

Harmonies

Analogous

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



38.6973, 6.0763, 0.8720



38.6964, 5.6349, 4.6830



38.6973, 3.0819, 7.5044

Triad

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



38.6973, 5.6336, 4.6836



38.6973, -8.0181, 6.5838



38.6973, -3.3355, -6.1045

Complementary

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



38.6964, 5.6349, 4.6830



44.1989, -9.0982, 0.1414

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.



38.6973, -6.9598, -4.2023



38.6964, 5.6349, 4.6830



38.6973, -9.5878, 3.3015

Square

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



38.6973, 5.6336, 4.6836



38.6973, -4.8352, 8.5191



38.6973, -9.2086, -0.6613



38.6973, 0.7815, -5.6350

Rectangle

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



38.6964, 5.6349, 4.6830



38.6973, 0.5848, 8.5734



38.6973, -9.2086, -0.6613



38.6973, -4.6490, -5.7144

Sweetspot

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



38.6973, 5.6336, 4.6836



58.4684, -0.0047, 4.2212



39.4301, 9.4717, -5.7296



28.1626, 0.1340, 2.0789



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



38.6973, 5.6336, 4.6836



49.4981, 10.3671, 7.0507



41.9753, -0.2087, 8.1054



20.8430, 0.5881, 1.7025



21.3326, 36.5294, 13.7845

0.0000, NaN, NaN

Inverse Universe

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



44.1989, -9.0982, 0.1414



58.6153, -14.1118, -0.4987



40.6264, -3.5021, -4.3305



22.1062, -2.7826, 0.6636



41.0492, -21.7598, -4.3349

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 38.6964, 5.6349, 4.6830 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 38.6964, 5.6349, 4.6830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

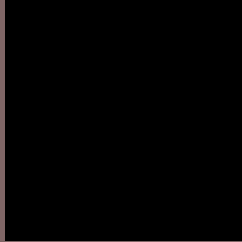
Any Text WCAG AA × Fail

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 38.6964, 5.6349, 4.6830 Background



This preview shows how black text looks on a background with the HunterLab color 38.6964, 5.6349, 4.6830.



This preview shows how white text looks on a background with the HunterLab color 38.6964, 5.6349,

4.6830.

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

38.6964, 5.6349, 4.6830

Protanopia

38.8903, -1.6527, 3.5602

Deuteranopia

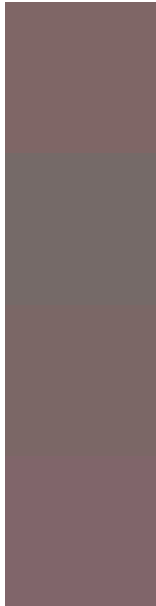
38.6327, 2.7792, 4.5621



Tritanopia

38.7307, 7.4179, 1.8476

Trichromacy



Original Color

38.6964, 5.6349, 4.6830

Protanomaly

38.8451, 0.8973, 3.9622

Deuteranomaly

38.5626, 3.8777, 4.5031

Tritanomaly

38.6486, 6.9879, 3.0193

Monochromacy



Original Color

38.6964, 5.6349, 4.6830

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

38.8094, 0.8815, 3.0981

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.6964, 5.6349, 4.6830 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(127, 102, 102)` looks like.

```
.text, #text, p{  
    color:rgb(127, 102, 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(127, 102, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 102, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 38.6964, 5.6349, 4.6830 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(127, 102, 102) }
```


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

```
.border{ border-color:rgb(127, 102, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 102, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 102, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 102, 102);  
box-shadow:4px 4px 4px 4px rgb(127, 102,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.6964, 5.6349, 4.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 102, 102) }
```

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

```
.background{ background-color: rgb(127,  
102, 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