

Converting Colors

HunterLab(38.8797, -4.1409,
-10.5093)

Have a look what the booklet for
HunterLab(38.8797, -4.1409,
-10.5093) contains.

HunterLab(38.8797, -4.1409, -10.5093)	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(38.8797, -4.1409,
-10.5093)**

Conversions

Conversions Part 1

Format	Color
Hex	576F86
RGB	87, 111, 134
RGB Percent	34%, 44%, 53%
CMY	0.6588, 0.5647, 0.4745
CMYK	0.35, 0.17, 0.00, 0.47
HSL	209°, 21%, 43%
HSV	209°, 35%, 53%
XYZ	13.9180, 15.1163, 24.7384
YIQ	106.4460, -21.6870, 2.0650

Conversions

Conversions Part 2

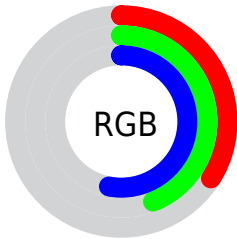
Format	Color
R_{YB}	87, 103, 134
Decimal	5730182
CIE _{Lab}	45.79, -2.81, -15.50
CIE _{LCh}	46, 15.751, 259.729
Yxy	15.1169, 0.2588, 0.2811
Android (android.graphics.Color)	4283920262 (0xFF576F86)
YUV	106.4460, 13.5841, -17.0541
Hunter-Lab	38.8797, -4.1409, -10.5093

Details

The HunterLab color $38.8797, -4.1409, -10.5093$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $41.1200, 2.3919, 12.3780$, and the grayscale version is $38.0903, -2.0324, 2.0695$.

A 20% lighter version of the original color is $59.3174, -5.8606, -10.5435$, and $21.5092, -2.6663, -9.9130$ is the 20% darker color. If you saturate the color by 10%, you get $36.2653, -3.9478, -14.5968$, and if you desaturate by 10%, it is $41.6015, -4.0231, -6.5802$.

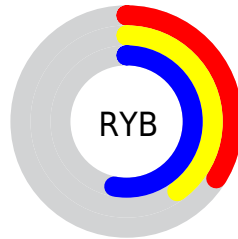
Distribution



Red (34%)

Green (44%)

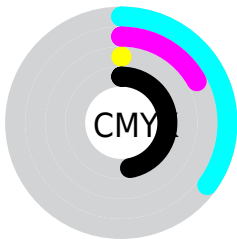
Blue (53%)



Red (34%)

Yellow (40%)

Blue (53%)

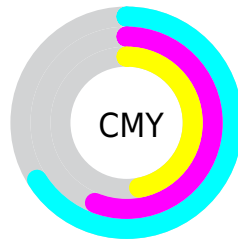


Cyan (35%)

Magenta (17%)

Yellow (0%)

Black (47%)



Cyan (66%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8797, -4.1409, -10.5093 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 38.8797, -4.1409, -10.5093 by changing the saturation by 10% instead.

■ 38.8797, -4.1409,
-10.5093

■ 38.8797, -4.1409,
-10.5093

■ 149.6906,
-11.2514, -10.0572

■ 29.8353, -3.4799,
-10.2460

■ 59.2099, -5.5440,
-10.8156

■ 21.6263, -2.8445,
-9.9081

■ 70.3937, -6.2849,
-10.8694

■ 14.3492, -2.2326,
-9.5073

■ 82.2045, -7.0516,
-10.8629

■ 8.0089, -1.9558,
-9.4578

■ 94.6107, -7.8434,
-10.8004

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 107.5849, -8.6599,
-10.6855

0.0000, NaN, NaN

121.1033, -9.5004,

0.0000, NaN, NaN

-10.5215

0.0000, NaN, NaN

135.1448,
-10.3644, -10.3112

■ 38.8797, -4.1409,
-10.5093

■ 38.8797, -4.1409,
-10.5093

■ 36.2653, -3.9478,
-14.5968

■ 41.6015, -4.0231,
-6.5802

■ 33.7676, -3.3988,
-18.8537

■ 44.4184, -3.6327,
-2.7991

■ 31.4001, -2.4481,
-23.2820

■ 47.3222, -3.0048,
0.8486

■ 29.1763, -1.0506,
-27.8738

■ 50.3053, -2.1695,
4.3772

■ 27.1099, 0.8298,
-32.6077

■ 53.3610, -1.1522,
7.8001

■ 25.2082, 3.1947,
-37.4594

■ 56.4835, 0.0252,
11.1301

■ 24.3052, 4.4403,
-39.9648

■ 59.6676, 1.3440,
14.3787

■ 62.9091, 2.7886,
17.5561

■ 66.2039, 4.3456,
20.6716

Harmonies

Analogous

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



38.8805, -9.3558, -7.3719



38.8797, -4.1409, -10.5093



38.8805, 1.9534, -9.8886

Triad

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



38.8805, -4.1413, -10.5086



38.8805, 9.5637, 5.6900



38.8805, -10.6090, 8.6466

Complementary

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



38.8797, -4.1409, -10.5093



41.1200, 2.3919, 12.3780

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.



38.8805, -5.9489, 11.2047



38.8797, -4.1409, -10.5093



38.8805, 5.7808, 9.6883

Square

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



38.8805, -4.1413, -10.5086



38.8805, 10.1217, 0.0787



38.8805, 0.0320, 11.5542



38.8805, -12.9348, 4.0494

Rectangle

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



38.8797, -4.1409, -10.5093



38.8805, 5.6896, -7.4557



38.8805, 0.0320, 11.5542



38.8805, -9.2775, 9.7415

Sweetspot

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



38.8805, -4.1413, -10.5086



60.4229, -4.5375, -1.8404



44.9404, -18.0538, 8.0198



28.4759, -2.1954, -1.1322



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



38.8805, -4.1413, -10.5086



48.8706, -5.3331, -18.1902



32.6984, 6.6803, -20.6312



22.1551, -1.5776, -0.2936



23.5746, 4.2119, -38.5584



1.8400, -0.4936, -1.2344

Inverse Universe

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



36.1010, 16.4751, -2.1662



44.7017, 27.6084, -3.7436



47.5302, -8.1828, 17.8963



21.7381, 1.0808, 0.5653



22.6892, 40.6109, 1.0567



1.3896, 2.5850, -0.6940

Previews

White Background



This preview shows how the HunterLab color 38.8797, -4.1409, -10.5093 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 38.8797, -4.1409, -10.5093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

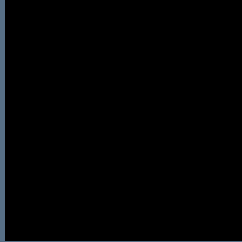
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

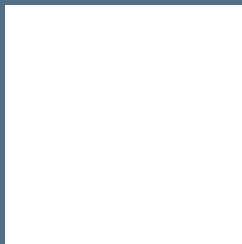
Any Text WCAG AAA × Fail

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

HunterLab 38.8797, -4.1409, -10.5093 Background



This preview shows how black text looks on a background with the HunterLab color 38.8797, -4.1409, -10.5093.



This preview shows how white text looks on a background with the HunterLab color 38.8797, -4.1409, -10.5093.

-10.5093.

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

38.8797, -4.1409, -10.5093

Protanopia

38.7784, 0.9443, -8.9190

Deuteranopia

38.8080, 2.7028, -11.0586



Tritanopia

38.8590, -7.9468, -4.2875

Trichromacy



Original Color

38.8797, -4.1409, -10.5093

Protanomaly

38.6425, -0.8429, -9.6973

Deuteranomaly

38.8215, -0.0129, -11.0857

Tritanomaly

38.7634, -6.5619, -6.4201

Monochromacy



Original Color

38.8797, -4.1409, -10.5093

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.2606, -3.2245, -2.0851

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8797, -4.1409, -10.5093 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(87, 111, 134)` looks like.

```
.text, #text, p{  
    color:rgb(87, 111, 134)  
}
```

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(87, 111, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 111, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8797, -4.1409, -10.5093 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(87, 111, 134) }
```


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

```
.border{ border-color:rgb(87, 111, 134) }
```

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

Here you see how a box with a 4 pixel rgb(87, 111, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 111, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 111, 134);  
box-shadow:4px 4px 4px 4px rgb(87, 111,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.8797, -4.1409, -10.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 111, 134) }
```

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

```
.background{ background-color: rgb(87, 111,  
134) }
```

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