

Converting Colors

HunterLab(38.8322, -3.9250,
-24.8436)

Have a look what the booklet for
HunterLab(38.8322, -3.9250,
-24.8436) contains.

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Color

HunterLab(38.8322, -3.9250,
-24.8436)

Conversions

Conversions Part 1

Format	Color
Hex	3F709D
RGB	63, 112, 157
RGB Percent	25%, 44%, 62%
CMY	0.7529, 0.5608, 0.3843
CMYK	0.60, 0.29, 0.00, 0.38
HSL	209°, 43%, 43%
HSV	209°, 60%, 62%
XYZ	13.9298, 15.0794, 34.0747
YIQ	102.4790, -43.6490, 3.6070

Conversions

Conversions Part 2

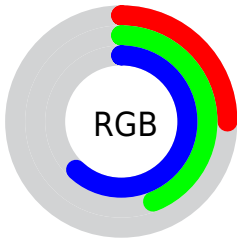
Format	Color
R _Y B	63, 95, 157
Decimal	4157597
CIE Lab	45.74, -2.52, -29.33
CIE LCh	46, 29.440, 265.098
Yxy	15.0799, 0.2208, 0.2390
Android (android.graphics.Color)	4282347677 (0xFF3F709D)
YUV	102.4790, 26.8789, -34.6231
Hunter-Lab	38.8322, -3.9250, -24.8436

Details

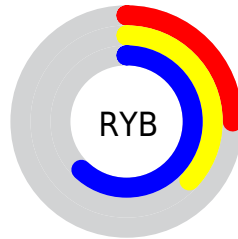
The HunterLab color **38.8322, -3.9250, -24.8436** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **42.7235, 9.4838, 19.9650**, and the grayscale version is **36.5463, -1.9500, 1.9856**.

A 20% lighter version of the original color is **59.2924, -5.5281, -25.8458**, and **21.9101, -2.1694, -22.7025** is the 20% darker color. If you saturate the color by 10%, you get **36.1173, -2.5563, -30.1541**, and if you desaturate by 10%, it is **41.7147, -4.7737, -19.7173**.

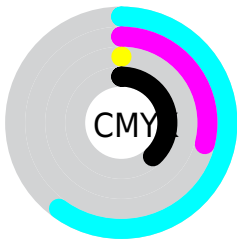
Distribution



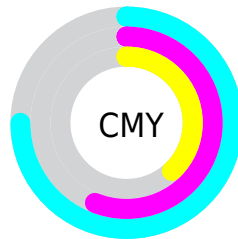
- Red (25%)
- Green (44%)
- Blue (62%)



- Red (25%)
- Yellow (37%)
- Blue (62%)



- Cyan (60%)
- Magenta (29%)
- Yellow (0%)
- Black (38%)



- Cyan (75%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8322, -3.9250, -24.8436 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 38.8322, -3.9250, -24.8436 by changing the saturation by 10% instead.

■ 38.8322, -3.9250,
-24.8436

■ 38.8322, -3.9250,
-24.8436

■ 149.6160,
-10.9089, -28.1205

■ 29.7918, -3.2824,
-24.2692

■ 59.1552, -5.2940,
-25.9302

■ 21.5872, -2.6679,
-23.7512

■ 70.3357, -6.0197,
-26.4050

■ 14.3151, -2.0798,
-23.4649

■ 82.1434, -6.7720,
-26.8255

■ 7.9739, -1.8007,
-24.6115

■ 94.5467, -7.5502,
-27.1908

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.5181, -8.3536,
-27.5014

0.0000, NaN, NaN

121.0338, -9.1816,

0.0000, NaN, NaN

-27.7586

0.0000, NaN, NaN

135.0727,
-10.0336, -27.9644

■ 38.8322, -3.9250,
-24.8436

■ 38.8322, -3.9250,
-24.8436

■ 36.1173, -2.5563,
-30.1541

■ 41.7147, -4.7737,
-19.7173

■ 33.5840, -0.6192,
-35.6312

■ 44.7470, -5.1581,
-14.7831

■ 31.2475, 1.9166,
-41.2373

■ 47.9152, -5.1331,
-10.0358

■ 29.0873, 4.9469,
-47.0102

■ 51.2063, -4.7498,
-5.4643

■ 29.0597, 4.9873,
-47.0883

■ 54.6087, -4.0535,
-1.0545

■ 58.1123, -3.0840,
3.2095

■ 61.7084, -1.8755,
7.3431

■ 65.3893, -0.4572,
11.3614

■ 69.1484, 1.1462,
15.2782

Harmonies

Analogous

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



38.8329, -13.8090, -19.1049



38.8322, -3.9250, -24.8436



38.8329, 7.6417, -21.8317

Triad

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



38.8329, -3.9249, -24.8428



38.8329, 19.7751, 9.9414



38.8329, -18.4277, 12.2305

Complementary

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



38.8322, -3.9250, -24.8436



42.7235, 9.4838, 19.9650

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.



38.8329, -10.9197, 16.6254



38.8322, -3.9250, -24.8436



38.8329, 11.2444, 15.5950

Square

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



38.8329, -3.9249, -24.8428



38.8329, 22.1988, 0.2941



38.8329, -0.1880, 17.6508



38.8329, -21.5453, 3.8494

Rectangle

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



38.8322, -3.9250, -24.8436



38.8329, 14.6574, -15.6204



38.8329, -0.1880, 17.6508



38.8329, -16.3788, 14.1158

Sweetspot

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



38.8329, -3.9249, -24.8428



69.2106, -6.2400, -6.4002



51.2151, -31.2328, 14.9503



31.8934, -3.0214, -3.7687



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



38.8329, -3.9249, -24.8428



47.1125, -2.5989, -42.9077



27.2099, 18.5893, -52.4144



26.4170, -1.9280, -0.3792



26.3310, 4.2273, -42.0369



4.5660, -1.1513, -3.2217

Inverse Universe

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



34.4871, 35.9559, -4.4745



41.8186, 57.6535, -5.0357



55.3124, -11.8076, 28.8350



25.8863, 1.3832, 0.6195



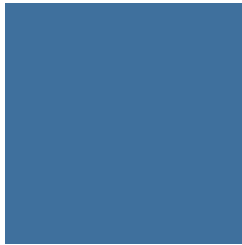
25.1438, 45.0494, 0.8230



3.4867, 6.4724, -1.6325

Previews

White Background



This preview shows how the HunterLab color 38.8322, -3.9250, -24.8436 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 38.8322, -3.9250, -24.8436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

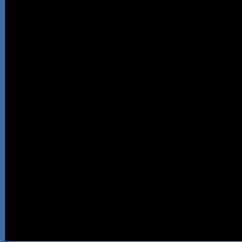
Any Text WCAG AA × Fail

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 38.8322, -3.9250, -24.8436 Background



This preview shows how black text looks on a background with the HunterLab color 38.8322, -3.9250, -24.8436.

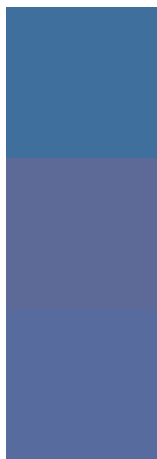


This preview shows how white text looks on a background with the HunterLab color 38.8322, -3.9250, -24.8436.

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

38.8322, -3.9250, -24.8436

Protanopia

38.6034, 3.3556, -21.7784

Deuteranopia

38.7431, 2.9662, -25.5778



Tritanopia

38.9452, -14.8744, -6.8302

Trichromacy



Original Color

38.8322, -3.9250, -24.8436

Protanomaly

38.5384, 0.5286, -23.2774

Deuteranomaly

38.7629, 0.2353, -25.5881

Tritanomaly

38.9076, -11.1611, -12.8618

Monochromacy



Original Color

38.8322, -3.9250, -24.8436

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.1321, -3.9716, -6.5885

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8322, -3.9250, -24.8436 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(63, 112, 157)` looks like.

```
.text, #text, p{  
    color:rgb(63, 112, 157)  
}
```

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(63, 112, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 112, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8322, -3.9250, -24.8436 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(63, 112, 157) }
```


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

```
.border{ border-color:rgb(63, 112, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 112, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 112, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 112, 157);  
box-shadow:4px 4px 4px 4px rgb(63, 112,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.8322, -3.9250, -24.8436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 112, 157) }
```

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

```
.background{ background-color: rgb(63, 112,  
157) }
```

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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