

Converting Colors

HunterLab(63.8927, -39.9606,
38.0112)

Have a look what the booklet for
HunterLab(63.8927, -39.9606,
38.0112) contains.

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Color

**HunterLab(63.9478,
-40.1555, 38.0435)**

Conversions

Conversions Part 1

Format	Color
Hex	72BF15
RGB	114, 191, 21
RGB Percent	45%, 75%, 8%
CMY	0.5529, 0.2510, 0.9176
CMYK	0.40, 0.00, 0.89, 0.25
HSL	87°, 80%, 42%
HSV	87°, 89%, 75%
XYZ	25.7056, 40.8932, 7.2479
YIQ	148.5970, 8.6780, -69.1940

Conversions

Conversions Part 2

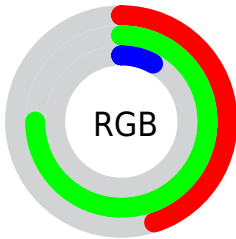
Format	Color
RYB	21, 191, 98
Decimal	7520021
CIELab	70.10, -47.78, 67.39
CIELCh	70, 82.613, 125.336
Yxy	40.8950, 0.3481, 0.5538
Android (android.graphics.Color)	4285710101 (0xFF72BF15)
YUV	148.5970, -62.9053, -30.3416
Hunter-Lab	63.9478, -40.1555, 38.0435

Details

The HunterLab color **63.9478, -40.1555, 38.0435** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **26.2607, 54.0429, -94.1622**, and the grayscale version is **54.9041, -2.9295, 2.9830**.

A 20% lighter version of the original color is **87.5178, -46.4838, 47.0057**, and **43.2153, -32.3930, 26.0619** is the 20% darker color. If you saturate the color by 10%, you get **63.4759, -42.1620, 38.3241**, and if you desaturate by 10%, it is **64.5002, -37.7800, 37.2286**.

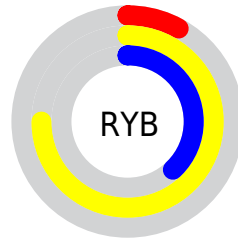
Distribution



Red (45%)

Green (75%)

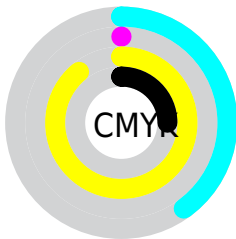
Blue (8%)



Red (8%)

Yellow (75%)

Blue (38%)

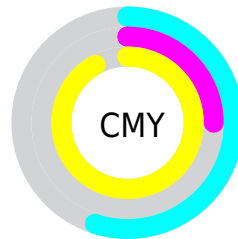


Cyan (40%)

Magenta (0%)

Yellow (89%)

Black (25%)



Cyan (55%)

Magenta (25%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.9478, -40.1555, 38.0435 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 63.9478, -40.1555, 38.0435 by changing the saturation by 10% instead.

63.9478, -40.1555,
38.0435

63.9478, -40.1555,
38.0435

187.0512,
-66.2266, 74.0636

53.1385, -36.7745,
33.2501

87.4783, -46.4993,
47.0062

43.0168, -33.2012,
28.2164

100.1323,
-49.5105, 51.2257

33.6344, -29.3787,
23.3287

113.3437,
-52.4392, 55.3005

25.0551, -25.2194,
17.5386

127.0899,
-55.2986, 59.2492

17.3626, -20.5830,
12.1538

141.3509,
-58.0992, 63.0874

10.6741, -18.6797,
7.4719

156.1086,

1.0641, -1.8622,

-60.8496, 66.8285

0.7449

171.3470,
-63.5567, 70.4840

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.9478, -40.1555,
38.0435

■ 63.9478, -40.1555,
38.0435

■ 63.4759, -42.1620,
38.3241

■ 64.5002, -37.7800,
37.2286

■ 63.4313, -42.3511,
38.3447

■ 65.1391, -34.9800,
35.7333

■ 65.8708, -31.7400,
33.4926

■ 66.6986, -28.0542,
30.4647

■ 67.6246, -23.9258,

26.6263

■ 68.6497, -19.3647,
21.9691

■ 69.7741, -14.3862,
16.4978

■ 70.9974, -9.0101,
10.2276

■ 72.3184, -3.2593,
3.1820

Harmonies

Analogous

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



63.9492, -10.0150, 41.1040



63.9478, -40.1555, 38.0435



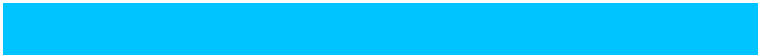
63.9492, -56.8374, 26.0800

Triad

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



63.9492, -40.1569, 38.0438



63.9492, -30.9284, -96.1701



63.9492, 85.8932, 9.5646

Complementary

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



63.9478, -40.1555, 38.0435



26.2607, 54.0429, -94.1622

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.



63.9492, 76.6453, -32.4761



63.9478, -40.1555, 38.0435



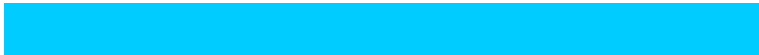
63.9492, 3.4628, -110.1893

Square

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



63.9492, -40.1569, 38.0438



63.9492, -52.4376, -50.5888



63.9492, 44.1157, -82.1318



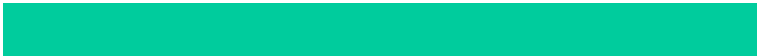
63.9492, 67.0723, 31.8900

Rectangle

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



63.9478, -40.1555, 38.0435



63.9492, -60.7922, 8.8353



63.9492, 44.1157, -82.1318



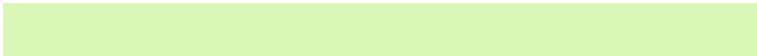
63.9492, 86.0038, -2.3806

Sweetspot

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



63.9492, -40.1569, 38.0438



92.0982, -24.9045, 28.3217



44.4690, 26.3205, 26.9156



42.9251, -12.7033, 14.3668



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.9492, -40.1569, 38.0438



84.8008, -57.0299, 51.2555



61.3077, -51.1292, 36.1957



33.0148, -4.2821, 4.8662



51.4677, -34.1396, 31.1165



10.3730, -6.0016, 6.2867

Inverse Universe

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



26.2607, 54.0429, -94.1622



31.9138, 75.7628, -143.0151



37.8223, 71.0696, -52.7208



30.7104, 0.9856, -1.6631



19.5835, 46.1602, -85.1955



4.3485, 9.6736, -14.4516

Previews

White Background



This preview shows how the HunterLab color 63.9478, -40.1555, 38.0435 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 63.9478, -40.1555, 38.0435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

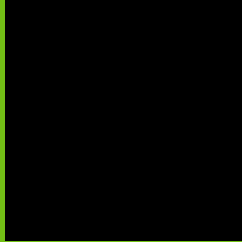
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 63.9478, -40.1555, 38.0435 Background



This preview shows how black text looks on a background with the HunterLab color 63.9478, -40.1555, 38.0435.



This preview shows how white text looks on a background with the HunterLab color 63.9478,

-40.1555, 38.0435.

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

63.9478, -40.1555, 38.0435

Protanopia

63.5306, -8.9802, 38.6347

Deuteranopia

63.4854, 4.3753, 37.1503



Tritanopia

63.8729, -12.7742, -7.1565

Trichromacy



Original Color

63.9478, -40.1555, 38.0435

Protanomaly

63.0640, -21.7015, 38.0190

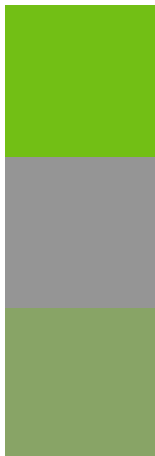
Deuteranomaly

62.8233, -14.4944, 37.0294

Tritanomaly

63.2382, -26.7911, 18.6975

Monochromacy



Original Color

63.9478, -40.1555, 38.0435

Achromatopsia

54.8219, -2.9252, 2.9786

Achromatomaly

57.2228, -19.5752, 21.8932

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9478, -40.1555, 38.0435 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(114, 191, 21)` looks like.

```
.text, #text, p{  
    color:rgb(114, 191, 21)  
}
```

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(114, 191, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 191, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9478, -40.1555, 38.0435 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(114, 191, 21) }
```


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

```
.border{ border-color:rgb(114, 191, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 191, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 191, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 191, 21);  
box-shadow:4px 4px 4px 4px rgb(114, 191,  
21) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.9478, -40.1555, 38.0435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 191, 21) }
```

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

```
.background{ background-color: rgb(114,  
191, 21) }
```

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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