

Converting Colors

HunterLab(74.5578, -49.7359,
38.5637)

Have a look what the booklet for
HunterLab(74.5578, -49.7359,
38.5637) contains.

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Color

**HunterLab(74.5578,
-49.7359, 38.5637)**

Conversions

Conversions Part 1

Format	Color
Hex	6DDD53
RGB	109, 221, 83
RGB Percent	43%, 87%, 33%
CMY	0.5725, 0.1333, 0.6745
CMYK	0.51, 0.00, 0.62, 0.13
HSL	109°, 67%, 60%
HSV	109°, 62%, 87%
XYZ	33.7245, 55.5887, 17.1358
YIQ	171.7800, -22.4540, -66.6620

Conversions

Conversions Part 2

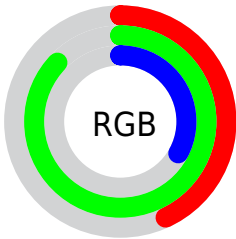
Format	Color
RYB	83, 221, 195
Decimal	7200083
CIELab	79.38, -57.14, 56.47
CIElCh	79, 80.336, 135.342
Yxy	55.5910, 0.3168, 0.5222
Android (android.graphics.Color)	4285390163 (0xFF6DDD53)
YUV	171.7800, -43.7685, -55.0581
Hunter-Lab	74.5578, -49.7359, 38.5637

Details

The HunterLab color $74.5578, -49.7359, 38.5637$ is a dark color, and the websafe version is hex $66CC33$. The color can be described as middle muted chartreuse. A complement of this color would be $47.9698, 59.8845, -53.9463$, and the grayscale version is $64.3219, -3.4321, 3.4947$.

A 20% lighter version of the original color is $90.3609, -46.6714, 39.3340$, and $52.4307, -41.9928, 30.5952$ is the 20% darker color. If you saturate the color by 10%, you get $73.6739, -53.7779, 40.9141$, and if you desaturate by 10%, it is $75.6601, -44.7457, 35.3430$.

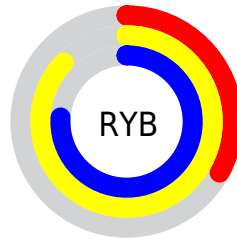
Distribution



Red (43%)

Green (87%)

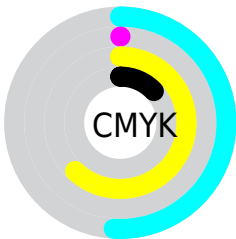
Blue (33%)



Red (33%)

Yellow (87%)

Blue (76%)

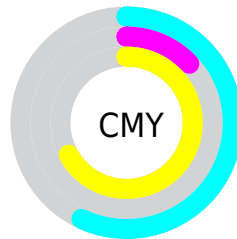


Cyan (51%)

Magenta (0%)

Yellow (62%)

Black (13%)



Cyan (57%)

Magenta (13%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.5578, -49.7359, 38.5637 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 74.5578, -49.7359, 38.5637 by changing the saturation by 10% instead.

■ 74.5578, -49.7359,
38.5637

■ 74.5578, -49.7359,
38.5637

202.0268,
-79.1926, 68.6275

■ 63.1467, -45.9300,
34.6546

■ 99.2000, -56.9017,
45.9182

■ 52.3843, -41.9260,
30.5524

■ 112.3719,
-60.3084, 49.4077

■ 42.3141, -37.6740,
26.2241

■ 126.0803,
-63.6222, 52.7957

■ 32.9874, -33.1005,
21.6547

■ 140.3047,
-66.8566, 56.0961

■ 24.4690, -28.0962,
17.1283

■ 155.0271,
-70.0224, 59.3206

■ 16.8445, -22.6503,
11.7912

170.2313,

■ 10.2344, -17.9102,

-73.1289, 62.4787

7.1641

185.9024,
-76.1835, 65.5787

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.5578, -49.7359,
38.5637

■ 74.5578, -49.7359,
38.5637

■ 73.6739, -53.7779,
40.9141

■ 75.6601, -44.7457,
35.3430

■ 72.9944, -56.8781,
42.4378

■ 76.9813, -38.8216,
31.2376

■ 72.5068, -59.0819,
43.2203


■ 78.5249, -32.0060,
26.2609

■ 72.2494, -60.2303,
43.4653


■ 80.2897, -24.3576,
20.4467


■ 82.2723, -15.9474,

13.8443

 84.4670, -6.8531,
6.5137

 86.8668, 2.8446,
-1.4792

 89.2881, 12.1398,
-7.5909

 89.5518, 13.0057,
-7.2284

Harmonies

Analogous

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



74.5594, -22.6047, 45.0704



74.5578, -49.7359, 38.5637



74.5594, -63.0154, 19.7935

Triad

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



74.5594, -49.7372, 38.5641



74.5594, -21.8349, -101.5211



74.5594, 81.8519, 20.4134

Complementary

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



74.5578, -49.7359, 38.5637



47.9698, 59.8845, -53.9463

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.



74.5594, 82.1753, -16.0900



74.5578, -49.7359, 38.5637



74.5594, 16.6687, -101.0495

Square

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



74.5594, -49.7372, 38.5641



74.5594, -49.2728, -65.5730



74.5594, 56.4355, -64.4965



74.5594, 55.6256, 38.8189

Rectangle

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



74.5578, -49.7359, 38.5637



74.5594, -64.3816, -2.8116



74.5594, 56.4355, -64.4965



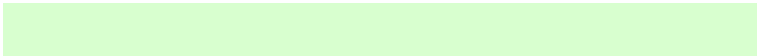
74.5594, 85.1461, 10.3312

Sweetspot

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



74.5594, -49.7372, 38.5641



95.1592, -25.4850, 21.5898



73.6996, -6.5642, 38.7142



43.7247, -13.0739, 10.9865

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.5594, -49.7372, 38.5641



86.3620, -64.5121, 48.7820



74.1754, -50.1797, 29.4786



38.3714, -6.1436, 5.4188



55.0986, -45.7646, 33.1503



14.1491, -11.1194, 8.5240

Inverse Universe

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



47.9698, 59.8845, -53.9463



50.9063, 82.9911, -77.3675



49.8389, 60.0249, -19.3560



36.2553, 2.3372, -1.5801



29.4486, 60.7293, -60.7977



7.7103, 15.7522, -14.7699

Previews

White Background



This preview shows how the HunterLab color 74.5578, -49.7359, 38.5637 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 74.5578, -49.7359, 38.5637 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 74.5578, -49.7359, 38.5637 Background



This preview shows how black text looks on a background with the HunterLab color 74.5578, -49.7359, 38.5637.



This preview shows how white text looks on a background with the HunterLab color 74.5578,

-49.7359, 38.5637.

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

74.5578, -49.7359, 38.5637

Protanopia

74.0993, -9.3288, 40.0254

Deuteranopia

73.9099, 5.5530, 37.1452



Tritanopia

74.3248, -19.7841, -10.8035

Trichromacy



Original Color

74.5578, -49.7359, 38.5637



Protanomaly

73.2749, -26.8856, 38.6956



Deuteranomaly

72.7478, -18.7059, 36.6160



Tritanomaly

73.8510, -33.3062, 13.1834

Monochromacy



Original Color

74.5578, -49.7359, 38.5637



Achromatopsia

64.2295, -3.4271, 3.4897



Achromatomaly

67.1639, -23.0790, 19.0798

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.5578, -49.7359, 38.5637 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(109, 221, 83)` looks like.

```
.text, #text, p{  
    color:rgb(109, 221, 83)  
}
```

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(109, 221, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 221, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 74.5578, -49.7359, 38.5637 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(109, 221, 83) }
```


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

```
.border{ border-color:rgb(109, 221, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 221, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 221, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 221, 83);  
box-shadow:4px 4px 4px 4px rgb(109, 221,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.5578, -49.7359, 38.5637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 221, 83) }
```

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

```
.background{ background-color: rgb(109,  
221, 83) }
```

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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