

Converting Colors

HunterLab(70.5891, -54.2646,
40.0813)

Have a look what the booklet for
HunterLab(70.5891, -54.2646,
40.0813) contains.

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Color

**HunterLab(70.5205,
-54.1866, 40.0628)**

Conversions

Conversions Part 1

Format	Color
Hex	49D631
RGB	73, 214, 49
RGB Percent	29%, 84%, 19%
CMY	0.7137, 0.1608, 0.8078
CMYK	0.66, 0.00, 0.77, 0.16
HSL	111°, 67%, 52%
HSV	111°, 77%, 84%
XYZ	27.3486, 49.7314, 11.0634
YIQ	153.0310, -31.0710, -81.2070

Conversions

Conversions Part 2

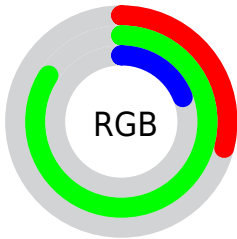
Format	Color
RYB	49, 214, 190
Decimal	4838961
CIELab	75.91, -66.05, 65.13
CIElCh	76, 92.757, 135.401
Yxy	49.7335, 0.3103, 0.5642
Android (android.graphics.Color)	4283029041 (0xFF49D631)
YUV	153.0310, -51.2873, -70.1872
Hunter-Lab	70.5205, -54.1866, 40.0628

Details

The HunterLab color **70.5205, -54.1866, 40.0628** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **42.4276, 70.7923, -61.5237**, and the grayscale version is **56.6644, -3.0235, 3.0787**.

A 20% lighter version of the original color is **88.3090, -55.7086, 44.1013**, and **49.4507, -42.4040, 29.7289** is the 20% darker color. If you saturate the color by 10%, you get **69.9866, -56.6426, 41.2239**, and if you desaturate by 10%, it is **71.2611, -50.7908, 38.1443**.

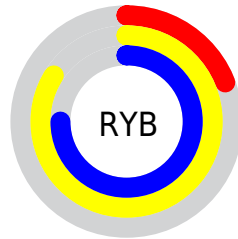
Distribution



Red (29%)

Green (84%)

Blue (19%)



Red (19%)

Yellow (84%)

Blue (75%)

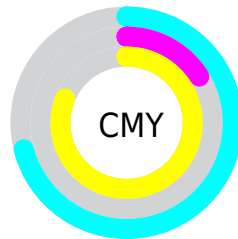


Cyan (66%)

Magenta (0%)

Yellow (77%)

Black (16%)



Cyan (71%)

Magenta (16%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.5205, -54.1866, 40.0628 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 70.5205, -54.1866, 40.0628 by changing the saturation by 10% instead.

■ 70.5205, -54.1866,
40.0628

■ 70.5205, -54.1866,
40.0628

196.3728,
-87.7880, 74.3999

■ 59.3310, -49.7535,
35.5403

■ 94.7522, -62.4667,
48.5444

■ 48.8040, -45.0614,
30.7932

■ 107.7327,
-66.3765, 52.5519

■ 38.9857, -40.0433,
25.7993

■ 121.2570,
-70.1644, 56.4311

■ 29.9317, -34.6021,
20.9522

■ 135.3042,
-73.8479, 60.1985

■ 21.7129, -28.5944,
15.1990

■ 149.8555,
-77.4414, 63.8681

■ 14.4248, -24.4848,
10.0973

■ 164.8940,

■ 8.0856, -14.1497,

-80.9563, 67.4517

5.6599

180.4045,
-84.4025, 70.9594

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.5205, -54.1866,
40.0628

■ 70.5205, -54.1866,
40.0628

■ 69.9866, -56.6426,
41.2239

■ 71.2611, -50.7908,
38.1443

■ 69.6359, -58.2305,
41.7381

■ 72.2167, -46.4216,
35.4102


■ 69.5618, -58.5661,
41.8383


■ 73.3968, -41.0830,
31.8378


■ 74.8055, -34.8065,
27.4323


■ 76.4431, -27.6455,

22.2220

 78.3072, -19.6698,
16.2525

 80.3928, -10.9595,
9.5818

 82.6931, -1.5993,
2.2750

 85.1997, 8.3258,
-5.5995

Harmonies

Analogous

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



70.5220, -24.7282, 45.6011



70.5205, -54.1866, 40.0628



70.5220, -68.0616, 21.1629

Triad

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



70.5220, -54.1877, 40.0631



70.5220, -23.7243, -125.6333



70.5220, 96.9280, 21.9419

Complementary

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



70.5205, -54.1866, 40.0628



42.4276, 70.7923, -61.5237

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.



70.5220, 97.3863, -19.4316



70.5205, -54.1866, 40.0628



70.5220, 19.9709, -124.9227

Square

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



70.5220, -54.1877, 40.0631



70.5220, -53.6079, -80.1140



70.5220, 66.6092, -78.5304



70.5220, 65.4779, 40.3352

Rectangle

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



70.5205, -54.1866, 40.0628



70.5220, -69.4497, -4.1096



70.5220, 66.6092, -78.5304



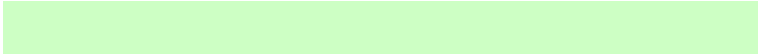
70.5220, 100.9258, 10.9576

Sweetspot

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



70.5220, -54.1877, 40.0631



94.0656, -30.0607, 24.3873



71.4306, -8.7043, 41.4504



43.1490, -15.5019, 12.4669

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.5220, -54.1877, 40.0631



85.0307, -70.4989, 50.7668



70.5725, -52.7934, 30.9326



37.3922, -6.1046, 5.2373



54.1053, -45.4230, 32.5443



13.3940, -10.7048, 8.0659

Inverse Universe

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



42.4276, 70.7923, -61.5237



47.8997, 94.8072, -85.9297



43.4775, 67.0090, -15.0825



35.4076, 2.4005, -1.4784



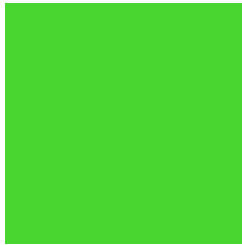
30.0767, 61.2638, -56.1969



7.5576, 15.2845, -13.2707

Previews

White Background



This preview shows how the HunterLab color 70.5205, -54.1866, 40.0628 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 70.5205, -54.1866, 40.0628 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 70.5205, -54.1866, 40.0628 Background



This preview shows how black text looks on a background with the HunterLab color 70.5205, -54.1866, 40.0628.



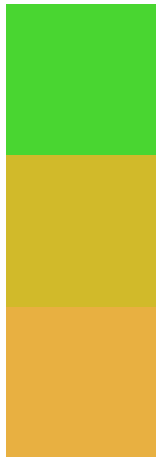
This preview shows how white text looks on a background with the HunterLab color 70.5205, -54.1866, 40.0628.

-54.1866, 40.0628.

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

70.5205, -54.1866, 40.0628

Protanopia

69.8858, -9.2239, 41.0435

Deuteranopia

69.7052, 5.4359, 38.7934



Tritanopia

70.1315, -22.5155, -12.1023

Trichromacy



Original Color

70.5205, -54.1866, 40.0628



Protanomaly

68.6607, -29.9172, 39.6408



Deuteranomaly

67.9274, -22.5418, 37.8504



Tritanomaly

69.3496, -37.8665, 15.5579

Monochromacy



Original Color

70.5205, -54.1866, 40.0628



Achromatopsia

56.4399, -3.0115, 3.0665



Achromatomaly

60.1522, -25.9259, 20.6244

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.5205, -54.1866, 40.0628 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(73, 214, 49)` looks like.

```
.text, #text, p{  
    color:rgb(73, 214, 49)  
}
```

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(73, 214, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 214, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 70.5205, -54.1866, 40.0628 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(73, 214, 49) }
```


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

```
.border{ border-color:rgb(73, 214, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 214, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 214, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 214, 49);  
box-shadow:4px 4px 4px 4px rgb(73, 214,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.5205, -54.1866, 40.0628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 214, 49) }
```

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

```
.background{ background-color: rgb(73, 214,  
49) }
```

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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