

Converting Colors

HunterLab(70.7885, -51.4236,
41.7461)

Have a look what the booklet for
HunterLab(70.7885, -51.4236,
41.7461) contains.

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Color

**HunterLab(70.7885,
-51.4209, 41.7457)**

Conversions

Conversions Part 1

Format	Color
Hex	5FD51D
RGB	95, 213, 29
RGB Percent	37%, 84%, 11%
CMY	0.6275, 0.1647, 0.8862
CMYK	0.55, 0.00, 0.86, 0.16
HSL	98°, 76%, 47%
HSV	98°, 86%, 84%
XYZ	28.7354, 50.1101, 9.3202
YIQ	156.7420, -11.2640, -82.2400

Conversions

Conversions Part 2

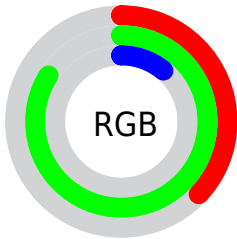
Format	Color
R _Y B	29, 213, 147
Decimal	6280477
CIE Lab	76.14, -61.56, 70.71
CIE LCh	76, 93.756, 131.043
Yxy	50.1123, 0.3259, 0.5684
Android (android.graphics.Color)	4284470557 (0xFF5FD51D)
YUV	156.7420, -62.9768, -54.1477
Hunter-Lab	70.7885, -51.4209, 41.7457

Details

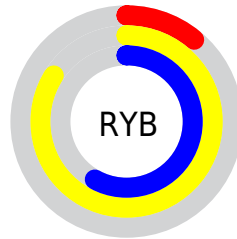
The HunterLab color **70.7885, -51.4209, 41.7457** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **34.4794, 66.4259, -85.8447**, and the grayscale version is **58.2140, -3.1062, 3.1629**.

A 20% lighter version of the original color is **89.1607, -52.5576, 46.9784**, and **49.1454, -41.9397, 29.5489** is the 20% darker color. If you saturate the color by 10%, you get **70.2651, -53.7132, 42.1698**, and if you desaturate by 10%, it is **71.4516, -48.4886, 40.6458**.

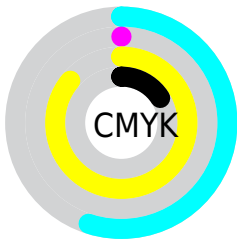
Distribution



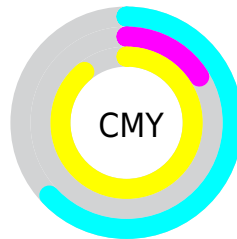
- Red (37%)
- Green (84%)
- Blue (11%)



- Red (11%)
- Yellow (84%)
- Blue (58%)



- Cyan (55%)
- Magenta (0%)
- Yellow (86%)
- Black (16%)



- Cyan (63%)
- Magenta (16%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.7885, -51.4209, 41.7457 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 70.7885, -51.4209, 41.7457 by changing the saturation by 10% instead.

70.7885, -51.4209,
41.7457

70.7885, -51.4209,
41.7457

196.7498,
-83.0382, 78.6420

59.5841, -47.2780,
36.8811

95.0480, -59.1778,
50.8775

49.0411, -42.9000,
31.7859

108.0413,
-62.8485, 55.1911

39.2058, -38.2257,
26.5099

121.5780,
-66.4097, 59.3640

30.1332, -33.1651,
21.0933

135.6372,
-69.8773, 63.4135

21.8940, -27.5842,
15.3258

150.2000,
-73.2642, 67.3543

14.5829, -23.1301,
10.2080

165.2497,

8.2433, -14.4258,

-76.5810, 71.1990

5.7703

180.7709,
-79.8365, 74.9585

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.7885, -51.4209,
41.7457

■ 70.7885, -51.4209,
41.7457

■ 70.2651, -53.7132,
42.1698

■ 71.4516, -48.4886,
40.6458

■ 70.1022, -54.4206,
42.2439


■ 72.2597, -44.8762,
38.7640


■ 73.2204, -40.5733,
36.0383


■ 74.3376, -35.5861,
32.4353


■ 75.6130, -29.9348,

27.9455

 77.0466, -23.6511,
22.5785

 78.6370, -16.7749,
16.3594

 80.3814, -9.3516,
9.3249

 82.2762, -1.4300,
1.5206

Harmonies

Analogous

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



70.7900, -19.3476, 46.1493



70.7885, -51.4209, 41.7457



70.7900, -67.6020, 25.4216

Triad

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



70.7900, -51.4221, 41.7460



70.7900, -29.3484, -123.3342



70.7900, 100.5405, 17.6657

Complementary

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



70.7885, -51.4209, 41.7457



34.4794, 66.4259, -85.8447

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.



70.7900, 95.9622, -27.7946



70.7885, -51.4209, 41.7457



70.7900, 13.2591, -130.4476

Square

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



70.7900, -51.4221, 41.7460



70.7900, -57.1894, -72.5258



70.7900, 61.1755, -88.3695



70.7900, 72.4727, 39.0535

Rectangle

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



70.7885, -51.4209, 41.7457



70.7900, -70.3315, 2.3650



70.7900, 61.1755, -88.3695



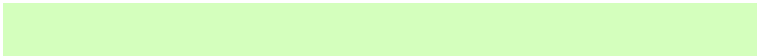
70.7900, 102.9168, 5.3100

Sweetspot

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



70.7900, -51.4221, 41.7460



94.4719, -28.9032, 27.5992



58.8659, 11.8243, 35.3083



43.4119, -14.6599, 13.8917

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.7900, -51.4221, 41.7460



85.8879, -66.9243, 51.7521



69.3643, -57.1625, 38.8058



37.5640, -5.4896, 5.4348



54.8361, -42.3314, 33.0487



13.6364, -9.6915, 8.2331

Inverse Universe

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



34.4794, 66.4259, -85.8447



38.8128, 85.0696, -119.1164



43.2173, 77.2299, -37.6553



35.2131, 1.7459, -1.7385



24.9448, 54.4825, -75.0728



6.4893, 13.8405, -16.9498

Previews

White Background



This preview shows how the HunterLab color 70.7885, -51.4209, 41.7457 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 70.7885, -51.4209, 41.7457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

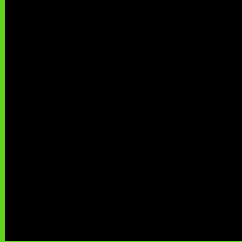
Any Text WCAG AA ✓ Pass

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 70.7885, -51.4209, 41.7457 Background



This preview shows how black text looks on a background with the HunterLab color 70.7885, -51.4209, 41.7457.



This preview shows how white text looks on a background with the HunterLab color 70.7885,

-51.4209, 41.7457.

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

70.7885, -51.4209, 41.7457

Protanopia

70.2088, -9.7917, 42.5320

Deuteranopia

70.1318, 5.2264, 40.5598



Tritanopia

70.4832, -19.6748, -10.4283

Trichromacy



Original Color

70.7885, -51.4209, 41.7457

Protanomaly

69.1857, -28.0833, 41.4456

Deuteranomaly

68.6120, -20.1791, 39.8660

Tritanomaly

69.6156, -35.4366, 18.7669

Monochromacy



Original Color

70.7885, -51.4209, 41.7457

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

61.3501, -24.8249, 23.1126

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.7885, -51.4209, 41.7457 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(95, 213, 29)` looks like.

```
.text, #text, p{  
    color:rgb(95, 213, 29)  
}
```

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(95, 213, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 213, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 70.7885, -51.4209, 41.7457 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(95, 213, 29) }
```


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

```
.border{ border-color:rgb(95, 213, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 213, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 213, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 213, 29);  
box-shadow:4px 4px 4px 4px rgb(95, 213,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.7885, -51.4209, 41.7457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 213, 29) }
```

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

```
.background{ background-color: rgb(95, 213,  
29) }
```

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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