

Converting Colors

HunterLab(70.6235, -53.2026,
35.2193)

Have a look what the booklet for
HunterLab(70.6235, -53.2026,
35.2193) contains.

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Color

**HunterLab(70.6081,
-53.1819, 35.1845)**

Conversions

Conversions Part 1

Format	Color
Hex	40D656
RGB	64, 214, 86
RGB Percent	25%, 84%, 34%
CMY	0.7490, 0.1608, 0.6627
CMYK	0.70, 0.00, 0.60, 0.16
HSL	129°, 65%, 55%
HSV	129°, 70%, 84%
XYZ	27.8407, 49.8550, 16.9597
YIQ	154.5580, -48.3120, -71.6080

Conversions

Conversions Part 2

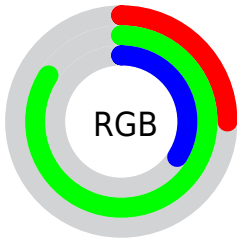
Format	Color
RYB	64, 195, 214
Decimal	4249174
CIELab	75.98, -64.41, 50.98
CIELCh	76, 82.139, 141.639
Yxy	49.8571, 0.2941, 0.5267
Android (android.graphics.Color)	4282439254 (0xFF40D656)
YUV	154.5580, -33.7991, -79.4194
Hunter-Lab	70.6081, -53.1819, 35.1845

Details

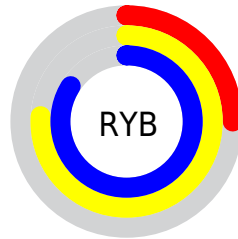
The HunterLab color **70.6081, -53.1819, 35.1845** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **46.6578, 67.8611, -33.4337**, and the grayscale version is **57.2207, -3.0532, 3.1089**.

A 20% lighter version of the original color is **88.4361, -54.2862, 37.1676**, and **49.5506, -41.7769, 28.2504** is the 20% darker color. If you saturate the color by 10%, you get **70.0102, -56.0677, 37.5618**, and if you desaturate by 10%, it is **71.4494, -49.2322, 32.2383**.

Distribution



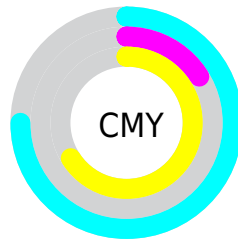
- Red (25%)
- Green (84%)
- Blue (34%)



- Red (25%)
- Yellow (76%)
- Blue (84%)



- Cyan (70%)
- Magenta (0%)
- Yellow (60%)
- Black (16%)



- Cyan (75%)
- Magenta (16%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.6081, -53.1819, 35.1845 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 70.6081, -53.1819, 35.1845 by changing the saturation by 10% instead.

■ 70.6081, -53.1819,
35.1845

■ 70.6081, -53.1819,
35.1845

196.4960,
-86.0558, 63.0235

■ 59.4137, -48.8550,
31.5656

■ 94.8489, -61.2700,
41.9852

■ 48.8814, -44.2780,
27.7609

■ 107.8335,
-65.0922, 45.2117

■ 39.0576, -39.3858,
23.7338

■ 121.3619,
-68.7969, 48.3456

■ 29.9976, -34.0838,
19.4700

■ 135.4130,
-72.4013, 51.4004

■ 21.7721, -28.2319,
15.2404

■ 149.9681,
-75.9191, 54.3871

■ 14.4764, -23.9855,
10.1335

165.0103,

■ 8.1375, -14.2406,

-79.3614, 57.3149

5.6962

180.5242,
-82.7377, 60.1915

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.6081, -53.1819,
35.1845

■ 70.6081, -53.1819,
35.1845

■ 70.0102, -56.0677,
37.5618

■ 71.4494, -49.2322,
32.2383

■ 69.6294, -57.9528,
39.3710

■ 72.5444, -44.1971,
28.7393


■ 69.4234, -59.0112,
40.6150


■ 73.9032, -38.0988,
24.7216


■ 75.5291, -30.9911,
20.2320


■ 77.4210, -22.9523,

15.3262

 79.5741, -14.0772,
10.0647

 81.9807, -4.4683,
4.5085

 84.6308, 5.7701,
-1.2839

 87.3382, 15.9719,
-7.4994

Harmonies

Analogous

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



70.6096, -29.1832, 43.0704



70.6081, -53.1819, 35.1845



70.6096, -63.3684, 13.3866

Triad

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



70.6096, -53.1829, 35.1849



70.6096, -14.2753, -108.2745



70.6096, 79.6212, 25.2908

Complementary

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



70.6081, -53.1819, 35.1845



46.6578, 67.8611, -33.4337

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.



70.6096, 86.0245, -7.2510



70.6081, -53.1819, 35.1845



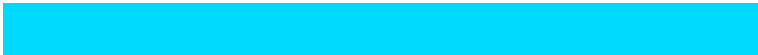
70.6096, 25.8357, -98.7761

Square

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



70.6096, -53.1829, 35.1849



70.6096, -44.2934, -77.3022



70.6096, 64.6085, -55.7573



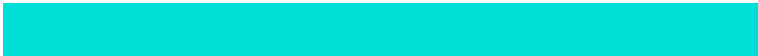
70.6096, 48.6335, 39.8791

Rectangle

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



70.6081, -53.1819, 35.1845



70.6096, -62.8998, -11.9905



70.6096, 64.6085, -55.7573



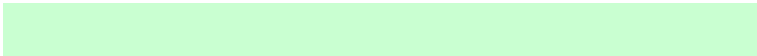
70.6096, 84.9525, 16.6914

Sweetspot

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



70.6096, -53.1829, 35.1849



94.1374, -29.1364, 19.3803



77.4178, -26.6025, 43.5239



43.2443, -14.7794, 9.7533

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.6096, -53.1829, 35.1849



85.1223, -69.6072, 46.9369



71.8947, -45.3227, 16.4564



37.3167, -6.2969, 4.5401



53.9811, -45.8229, 31.4468



13.2938, -11.0252, 7.1842

Inverse Universe

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



46.6578, 67.8611, -33.4337



53.0954, 93.4111, -44.0642



43.9268, 56.8039, 4.5042



35.4964, 2.6059, -0.6436



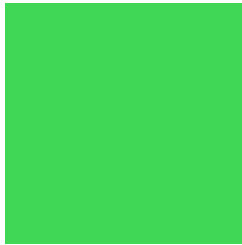
32.7260, 62.3656, -27.8554



8.0914, 15.5068, -7.5626

Previews

White Background



This preview shows how the HunterLab color 70.6081, -53.1819, 35.1845 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 70.6081, -53.1819, 35.1845 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 70.6081, -53.1819, 35.1845 Background



This preview shows how black text looks on a background with the HunterLab color 70.6081, -53.1819, 35.1845.



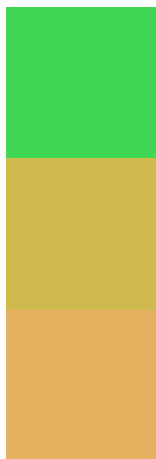
This preview shows how white text looks on a background with the HunterLab color 70.6081, -53.1819, 35.1845.

-53.1819, 35.1845.

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

70.6081, -53.1819, 35.1845

Protanopia

69.9523, -8.4402, 36.8474

Deuteranopia

69.8579, 5.1877, 33.5385



Tritanopia

70.4745, -24.5386, -12.2310

Trichromacy



Original Color

70.6081, -53.1819, 35.1845



Protanomaly

68.5875, -29.6098, 35.0156



Deuteranomaly

67.7806, -22.3941, 32.3153



Tritanomaly

70.0935, -37.7281, 10.7801

Monochromacy



Original Color

70.6081, -53.1819, 35.1845



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

60.6630, -25.0045, 16.3014

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.6081, -53.1819, 35.1845 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(64, 214, 86)` looks like.

```
.text, #text, p{  
    color:rgb(64, 214, 86)  
}
```

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(64, 214, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 214, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 70.6081, -53.1819, 35.1845 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(64, 214, 86) }
```


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

```
.border{ border-color:rgb(64, 214, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 214, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 214, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 214, 86);  
box-shadow:4px 4px 4px 4px rgb(64, 214,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.6081, -53.1819, 35.1845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 214, 86) }
```

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

```
.background{ background-color: rgb(64, 214,  
86) }
```

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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