Converting Colors

HunterLab(73.7072, -58.0737, 35.4821)

Have a look what the booklet for HunterLab(73.7072, -58.0737, 35.4821) contains.

Color

HunterLab(73.7883, -58.1729, 35.5576)

Conversions

Conversions Part 1

Format	Color
Hex	1FE060
RGB	31, 224, 96
RGB Percent	12%, 88%, 38%
CMY	0.8784, 0.1216, 0.6235
CMYK	0.86, 0.00, 0.57, 0.12
HSL	140°, 76%, 50%
HSV	140°, 86%, 88%
XYZ	29.3320, 54.4471, 20.0298
YIQ	151.7010, -73.9400, -80.7240

Conversions

Conversions Part 2

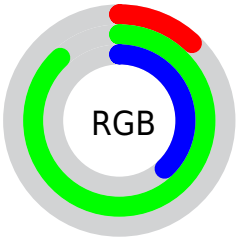
Format	Color
RYB	31, 175, 224
Decimal	2089056
CIELab	78.72, -70.40, 49.57
CIELCh	79, 86.097, 144.850
Yxy	54.4494, 0.2826, 0.5245
Android (android.graphics.Color)	4280279136 (0xFF1FE060)
YUV	151.7010, -27.4606, -105.8548
Hunter-Lab	73.7883, -58.1729, 35.5576

Details

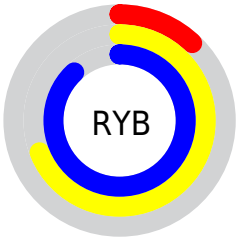
The HunterLab color 73.7883, -58.1729, 35.5576 is a dark color, and the websafe version is hex 00CC33. The color can be described as dark washed spring green. A complement of this color would be 43.9674, 75.2598, -15.8238, and the grayscale version is 56.0443, -2.9904, 3.0450.

A 20% lighter version of the original color is 87.9584, -55.8372, 33.7724, and 52.7369, -44.0412, 29.1557 is the 20% darker color. If you saturate the color by 10%, you get 73.4610, -59.9008, 37.9113, and if you desaturate by 10%, it is 74.3141, -55.5702, 32.8529.

Distribution

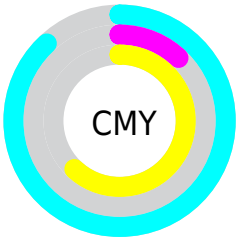


- Red (12%)
- Green (88%)
- Blue (38%)



- Red (12%)
- Yellow (69%)
- Blue (88%)

- Cyan (86%)
- Magenta (0%)
- Yellow (57%)
- Black (12%)



- Cyan (88%)
- Magenta (12%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.7883, -58.1729, 35.5576 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 73.7883, -58.1729, 35.5576 by changing the saturation by 10% instead.

73.7883, -58.1729, 35.5576

73.7883, -58.1729, 35.5576

200.9530, -93.4036, 62.5711

62.4188, -53.5293, 32.0731

98.3533, -66.8545, 42.1247

51.7005, -48.6212, 28.4170

111.4892, -70.9557, 45.2485

41.6775, -43.3831, 24.5544

125.1629, -74.9291, 48.2873

32.4017, -37.7220, 20.4445

139.3540, -78.7927, 51.2534

23.9392, -31.5032, 16.7574

154.0442, -82.5608, 54.1570

16.3772, -25.9180, 11.4640

169.2172,

9.8393, -17.2188,

-86.2457, 57.0066

184.8580, -89.8571, 59.8093

6.8875

0.0000, NaN, NaN

0.0000, NaN, NaN

73.7883, -58.1729, 35.5576

73.4610, -59.9008, 37.9113

73.3672, -60.4109, 38.7072

73.7883, -58.1729, 35.5576

74.3141, -55.5702, 32.8529

75.0606, -52.0014, 29.8259

76.0472, -47.4284, 26.5129

77.2857, -41.8516, 22.9557

78.7823, -35.3039,

19.2001

80.5388, -27.8439, 15.2935

82.5531, -19.5487, 11.2827

84.8199, -10.5070, 7.2114

87.3314, -0.8125, 3.1191

Harmonies

Analogous

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

73.7898, -34.3615, 44.8916

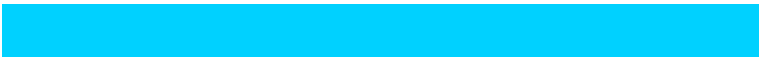
73.7883, -58.1729, 35.5576

73.7898, -67.4131, 10.4642

Triad

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

73.7898, -58.1738, 35.5580



73.7898, -10.9164, -117.3105

73.7898, 82.5522, 29.1811

Complementary

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

73.7883, -58.1729, 35.5576

43.9674, 75.2598, -15.8238

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.

73.7898, 92.6629, -3.0710

73.7883, -58.1729, 35.5576

73.7898, 32.3780, -102.2642

Square

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

73.7898, -58.1738, 35.5580

73.7898, -44.2254, -87.9522

73.7898, 72.6218, -53.8534

73.7898, 47.4139, 42.8796

Rectangle

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

73.7883, -58.1729, 35.5576

73.7898, -65.9504, -18.0184

73.7898, 72.6218, -53.8534

73.7898, 89.2754, 20.8339

Sweetspot

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

73.7898, -58.1738, 35.5580

93.2765, -32.2752, 17.7263

78.0077, -41.9282, 46.3485

42.8100, -16.3794, 8.9389

0.0000, NaN, NaN

46.2646, -2.4686, 2.5136

Same Dimension

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

73.7898, -58.1738, 35.5580

84.9647, -70.0421, 45.0024

75.7650, -46.0816, 6.9281

39.2594, -6.3315, 3.9953

55.9906, -45.9815, 29.2774

14.7962, -11.7620, 6.8969

Inverse Universe

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

43.9674, 75.2598, -15.8238

49.1213, 89.9623, -13.5338

41.4594, 65.7950, 19.9382

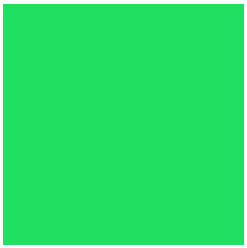
37.2197, 2.4321, 0.1894

32.4059, 59.4369, -9.6092

8.6278, 15.9923, -3.8593

Previews

White Background

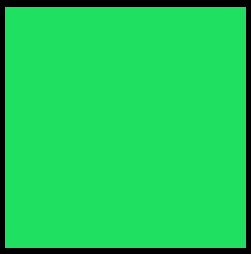


This preview shows how the HunterLab color 73.7883, -58.1729, 35.5576 looks on a white background.

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



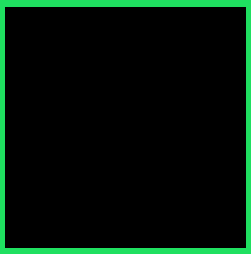
This preview shows how the HunterLab color 73.7883, -58.1729, 35.5576 looks on a black background.

Color Contrast Check

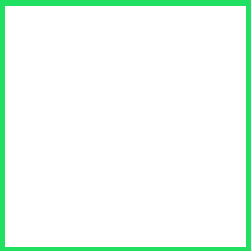
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

HunterLab 73.7883, -58.1729, 35.5576 Background



This preview shows how black text looks on a background with the HunterLab color 73.7883, -58.1729, 35.5576.



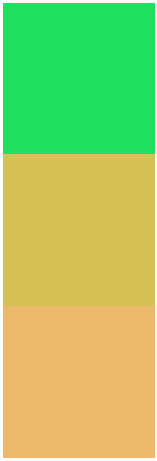
This preview shows how white text looks on a background with the HunterLab color 73.7883,

-58.1729, 35.5576.

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
73.7883, -58.1729, 35.5576

Protanopia
72.8752, -8.7820, 37.5888

Deuteranopia
72.9215, 5.5166, 33.7207

Tritanopia
73.4265, -28.0344, -13.9273

Trichromacy

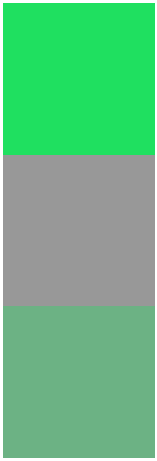
Original Color
73.7883, -58.1729, 35.5576

Protanomaly
70.8004, -34.4723, 34.9231

Deuteranomaly
70.2874, -27.5923, 32.0035

Tritanomaly
72.9093, -41.9934, 9.5099

Monochromacy



Original Color
73.7883, -58.1729, 35.5576

Achromatopsia
56.0347, -2.9899, 3.0445

Achromatomaly
60.5763, -28.6000, 15.4599

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.7883, -58.1729, 35.5576 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(31, 224, 96) looks like.

```
.text, #text, p{
    color:rgb(31, 224, 96)
}
```

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(31, 224, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 224, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 73.7883, -58.1729, 35.5576 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(31, 224, 96) }
```

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

```
.border{ border-color:rgb(31, 224, 96) }
```

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

Here you see how a box with a 4 pixel rgb(31, 224, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(31, 224, 96); -webkit-box-shadow:4px 4px 4px 4px rgb(31, 224, 96); box-shadow:4px 4px 4px 4px rgb(31, 224, 96) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.7883, -58.1729, 35.5576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(31, 224, 96) }
```

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

```
.background{ background-color:rgb(31, 224,
96) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor