Converting Colors

HunterLab(65.7271, -53.7069, 33.7846)

Have a look what the booklet for HunterLab(65.7271, -53.7069, 33.7846) contains.

HunterLab(65.7315, -53.6795, 33.7200) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

HunterLab(65.7315, -53.6795, 33.7200)

Conversions

Conversions Part 1

Format	Color
Hex	00CB4A
RGB	0, 203, 74
RGB Percent	0%, 80%, 29%
CMY	1.0000, 0.2039, 0.7098
CMYK	1.00, 0.00, 0.64, 0.20
HSL	142°, 100%, 40%
HSV	142°, 100%, 80%
XYZ	22.5920, 43.2063, 13.6275
YIQ	127.5970, -79.5790, -83.1550

Conversions

Conversions Part 2

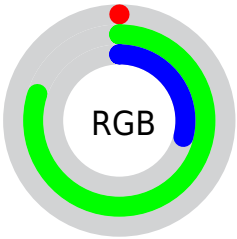
Format	Color
RYB	0, 149, 203
Decimal	52042
CIELab	71.70, -68.27, 51.16
CIELCh	72, 85.310, 143.156
Yxy	43.2081, 0.2844, 0.5440
Android (android.graphics.Color)	4278242122 (0xFF00CB4A)
YUV	127.5970, -26.4233, -111.9026
Hunter-Lab	65.7315, -53.6795, 33.7200

Details

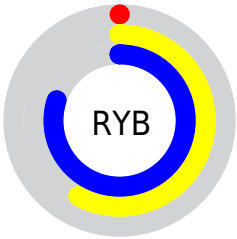
The HunterLab color 65.7315, -53.6795, 33.7200 is a dark color, and the websafe version is hex 00CC33. The color can be described as dark washed green. A complement of this color would be 37.7919, 68.9131, -8.0927, and the grayscale version is 46.4271, -2.4772, 2.5225.

A 20% lighter version of the original color is 87.1075, -60.0804, 38.9568, and 45.7186, -38.9344, 26.9039 is the 20% darker color. If you saturate the color by 10%, you get 65.7328, -53.6806, 33.7208, and if you desaturate by 10%, it is 65.9940, -52.2841, 31.6674.

Distribution

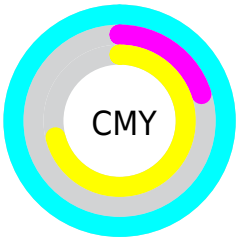


- Red (0%)
- Green (80%)
- Blue (29%)



- Red (0%)
- Yellow (58%)
- Blue (80%)

- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.7315, -53.6795, 33.7200 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 65.7315, -53.6795, 33.7200 by changing the saturation by 10% instead.

65.7315, -53.6795, 33.7200

65.7315, -53.6795, 33.7200

189.5961, -88.7021, 61.9635

54.8164, -48.9976, 30.0140

89.4566, -62.3753, 40.6577

44.5818, -44.0187, 26.1064

102.2011, -66.4634, 43.9387

35.0777, -38.6622, 21.9590

115.4991, -70.4146, 47.1200

26.3655, -32.8109, 17.9067

129.3287, -74.2491, 50.2162

18.5249, -26.4800, 12.9674

143.6700, -77.9831, 53.2395

11.6664, -20.4162, 8.1665

158.5053,

4.3331, -7.5829,

-81.6295, 56.1998

173.8189, -85.1995, 59.1054

3.0331

0.0000, NaN, NaN

0.0000, NaN, NaN

65.7315, -53.6795, 33.7200

65.7328, -53.6806, 33.7208

65.7315, -53.6795, 33.7200

65.9940, -52.2841, 31.6674

66.4028, -50.2206, 29.3169

66.9988, -47.3396, 26.7072

67.7999, -43.5945, 23.8702

68.8181, -38.9742,

20.8417

70.0605, -33.4976, 17.6608

71.5300, -27.2077, 14.3678

73.2259, -20.1652, 11.0021

75.1449, -12.4432, 7.6010

Harmonies

Analogous

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

65.7328, -30.6455, 41.2837

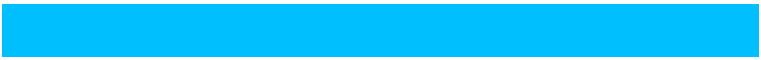
65.7315, -53.6795, 33.7200

65.7328, -62.9357, 11.5753

Triad

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

65.7328, -53.6803, 33.7203



65.7328, -12.2694, -115.1494

65.7328, 81.3160, 26.0197

Complementary

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

65.7315, -53.6795, 33.7200

37.7919, 68.9131, -8.0927

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.

65.7328, 89.5121, -5.5704

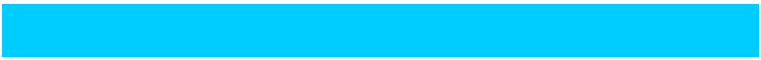
65.7315, -53.6795, 33.7200

65.7328, 28.8938, -102.6479

Square

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

65.7328, -53.6803, 33.7203



65.7328, -42.9372, -83.7644

65.7328, 68.4857, -55.7089

65.7328, 48.1705, 39.0115

Rectangle

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

65.7315, -53.6795, 33.7200

65.7328, -62.0618, -14.9589

65.7328, 68.4857, -55.7089

65.7328, 87.3567, 17.9164

Sweetspot

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

65.7328, -53.6803, 33.7203

92.4766, -35.5542, 18.7658

69.0039, -40.9140, 41.8035

42.3938, -18.1073, 9.5300

0.0000, NaN, NaN

46.2646, -2.4686, 2.5136

Same Dimension

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

65.7328, -53.6803, 33.7203

85.0350, -69.6029, 43.9664

67.6118, -42.1371, 6.4534

35.5013, -5.6418, 3.4890

52.4522, -42.7269, 26.6744

11.9742, -9.3272, 5.1680

Inverse Universe

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

37.7919, 68.9131, -8.0927

48.8572, 89.0119, -9.8435

35.7676, 61.5209, 21.0299

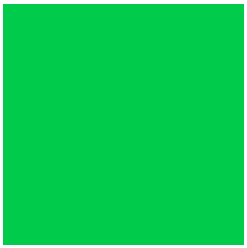
33.6625, 2.1095, 0.3041

30.1773, 55.0818, -6.8731

6.9575, 12.8812, -2.9948

Previews

White Background

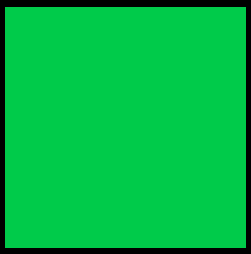


This preview shows how the HunterLab color 65.7315, -53.6795, 33.7200 looks on a white background.

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



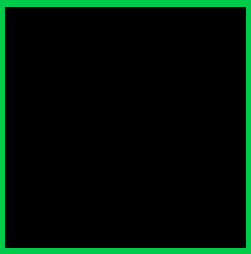
This preview shows how the HunterLab color 65.7315, -53.6795, 33.7200 looks on a black background.

Color Contrast Check

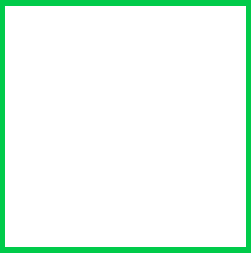
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

HunterLab 65.7315, -53.6795, 33.7200 Background



This preview shows how black text looks on a background with the HunterLab color 65.7315, -53.6795, 33.7200.



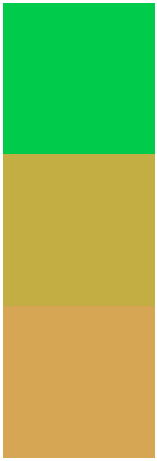
This preview shows how white text looks on a background with the HunterLab color 65.7315,

-53.6795, 33.7200.

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
65.7315, -53.6795, 33.7200

Protanopia
64.9113, -8.0876, 35.1486

Deuteranopia
65.0964, 4.8144, 32.3686

Tritanopia
65.5961, -25.2316, -12.2267

Trichromacy

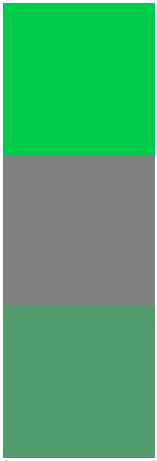
Original Color
65.7315, -53.6795, 33.7200

Protanomaly
62.7205, -34.0823, 32.7291

Deuteranomaly
61.7678, -27.4037, 30.1090

Tritanomaly
64.9574, -39.4336, 10.2208

Monochromacy



Original Color
65.7315, -53.6795, 33.7200

Achromatopsia
46.4608, -2.4790, 2.5243

Achromatomaly
51.2589, -27.6430, 14.6913

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.7315, -53.6795, 33.7200 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(0, 203, 74) looks like.

```
.text, #text, p{
    color:rgb(0, 203, 74)
}
```

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(0, 203, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 203, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 65.7315, -53.6795, 33.7200 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(0, 203, 74) }
```

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

```
.border{ border-color:rgb(0, 203, 74) }
```

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

Here you see how a box with a 4 pixel rgb(0, 203, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 203, 74); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 203, 74); box-shadow:4px 4px 4px 4px rgb(0, 203, 74) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.7315, -53.6795, 33.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(0, 203, 74) }
```

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

```
.background{ background-color:rgb(0, 203,
74) }
```

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