

Converting Colors

HunterLab(68.5951, -53.4043,
34.4307)

Have a look what the booklet for
HunterLab(68.5951, -53.4043,
34.4307) contains.

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Color

**HunterLab(68.4211,
-53.2225, 34.3117)**

Conversions

Conversions Part 1

Format	Color
Hex	2FD152
RGB	47, 209, 82
RGB Percent	18%, 82%, 32%
CMY	0.8157, 0.1804, 0.6784
CMYK	0.78, 0.00, 0.61, 0.18
HSL	133°, 64%, 50%
HSV	133°, 78%, 82%
XYZ	25.4957, 46.8145, 15.6750
YIQ	146.0840, -55.7850, -73.8410

Conversions

Conversions Part 2

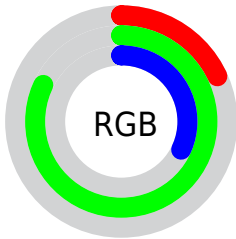
Format	Color
RYB	47, 180, 209
Decimal	3133778
CIELab	74.07, -65.77, 50.47
CIELCh	74, 82.909, 142.498
Yxy	46.8164, 0.2898, 0.5321
Android (android.graphics.Color)	4281323858 (0xFF2FD152)
YUV	146.0840, -31.5934, -86.8967
Hunter-Lab	68.4211, -53.2225, 34.3117

Details

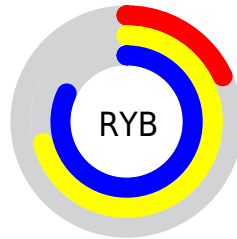
The HunterLab color **68.4211, -53.2225, 34.3117** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **43.1799, 68.9231, -27.1718**, and the grayscale version is **53.7877, -2.8700, 2.9224**.

A 20% lighter version of the original color is **87.8585, -56.7584, 37.6760**, and **47.8138, -40.4095, 27.4694** is the 20% darker color. If you saturate the color by 10%, you get **67.9798, -55.4152, 36.4745**, and if you desaturate by 10%, it is **69.0778, -50.0796, 31.6880**.

Distribution



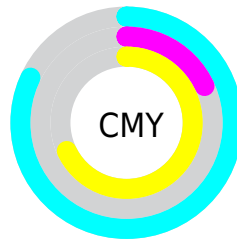
- Red (18%)
- Green (82%)
- Blue (32%)



- Red (18%)
- Yellow (71%)
- Blue (82%)



- Cyan (78%)
- Magenta (0%)
- Yellow (61%)
- Black (18%)



- Cyan (82%)
- Magenta (18%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.4211, -53.2225, 34.3117 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 68.4211, -53.2225, 34.3117 by changing the saturation by 10% instead.

■ 68.4211, -53.2225,
34.3117

■ 68.4211, -53.2225,
34.3117

193.4118,
-86.8825, 62.0612

■ 57.3503, -48.7637,
30.6926

■ 92.4335, -61.5350,
41.1027

■ 46.9495, -44.0367,
26.8830

■ 105.3117,
-65.4547, 44.3209

■ 37.2669, -38.9702,
22.8451

■ 118.7380,
-69.2497, 47.4450

■ 28.3601, -33.4605,
18.6432

■ 132.6908,
-72.9381, 50.4888

■ 20.3038, -27.3539,
14.2127

■ 147.1510,
-76.5346, 53.4636

■ 13.1996, -23.0993,
9.2397

162.1014,

■ 6.7143, -11.7500,

-80.0511, 56.3789

4.7000

177.5264,
-83.4976, 59.2426

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.4211, -53.2225,
34.3117

■ 68.4211, -53.2225,
34.3117

■ 67.9798, -55.4152,
36.4745

■ 69.0778, -50.0796,
31.6880

■ 67.7201, -56.7631,
38.1683

■ 69.9639, -45.9388,
28.6200


■ 67.6709, -57.0218,
38.5111


■ 71.0927, -40.7966,
25.1382


■ 72.4707, -34.6826,
21.2827

■ 74.1000, -27.6535,

17.1013

 75.9784, -19.7860,
12.6455

 78.1009, -11.1691,
7.9677

 80.4599, -1.8976,
3.1184

 83.0458, 7.9340,
-1.8560

Harmonies

Analogous

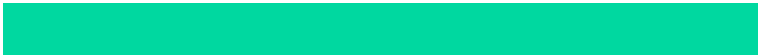
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.4225, -29.8501, 42.1475



68.4211, -53.2225, 34.3117



68.4225, -62.8785, 12.3322

Triad

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



68.4225, -53.2234, 34.3120



68.4225, -13.0961, -110.0919



68.4225, 79.5030, 25.6417

Complementary

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



68.4211, -53.2225, 34.3117



43.1799, 68.9231, -27.1718

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.



68.4225, 86.7914, -6.1710



68.4211, -53.2225, 34.3117



68.4225, 27.1919, -99.1770

Square

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



68.4225, -53.2234, 34.3120



68.4225, -43.2990, -79.5278



68.4225, 65.9054, -54.8598



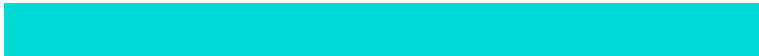
68.4225, 47.7622, 39.4343

Rectangle

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



68.4211, -53.2225, 34.3117



68.4225, -62.1761, -13.4223



68.4225, 65.9054, -54.8598



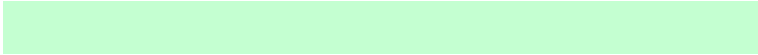
68.4225, 85.1429, 17.3336

Sweetspot

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



68.4225, -53.2234, 34.3120



93.7589, -30.5681, 19.0843



74.2352, -30.4709, 43.0619



42.9930, -15.7644, 9.7591

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.4225, -53.2234, 34.3120



84.8987, -70.6043, 47.1361



69.8279, -44.6047, 13.8508



36.3971, -6.0243, 4.1560



53.1467, -44.7028, 30.0716



12.6151, -10.2707, 6.4038

Inverse Universe

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



43.1799, 68.9231, -27.1718



51.0254, 93.7494, -33.1224



40.5293, 58.5807, 9.9508



34.5883, 2.4150, -0.3222



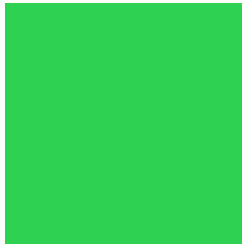
31.6576, 59.4713, -20.2934



7.5599, 14.3248, -5.7994

Previews

White Background



This preview shows how the HunterLab color 68.4211, -53.2225, 34.3117 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 68.4211, -53.2225, 34.3117 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

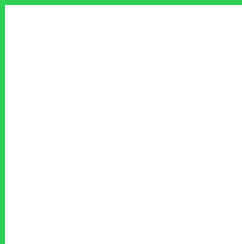
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 68.4211, -53.2225, 34.3117 Background



This preview shows how black text looks on a background with the HunterLab color 68.4211, -53.2225, 34.3117.



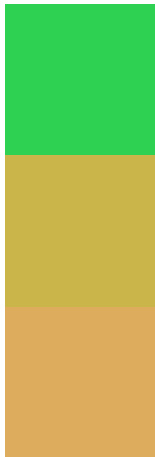
This preview shows how white text looks on a background with the HunterLab color 68.4211, -53.2225, 34.3117.

-53.2225, 34.3117.

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

68.4211, -53.2225, 34.3117

Protanopia

67.7936, -8.4551, 35.9601

Deuteranopia

67.6941, 5.0788, 32.7315



Tritanopia

68.2352, -24.8770, -12.5111

Trichromacy



Original Color

68.4211, -53.2225, 34.3117



Protanomaly

66.1945, -30.5001, 33.9660



Deuteranomaly

65.3363, -23.4915, 31.2721



Tritanomaly

67.8428, -38.0593, 10.0284

Monochromacy



Original Color

68.4211, -53.2225, 34.3117



Achromatopsia

53.6135, -2.8607, 2.9129



Achromatomaly

57.5508, -25.6752, 15.7079

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.4211, -53.2225, 34.3117 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(47, 209, 82)` looks like.

```
.text, #text, p{  
    color:rgb(47, 209, 82)  
}
```

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(47, 209, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 209, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 68.4211, -53.2225, 34.3117 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(47, 209, 82) }
```


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

```
.border{ border-color:rgb(47, 209, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 209, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 209, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 209, 82);  
box-shadow:4px 4px 4px 4px rgb(47, 209,  
82) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.4211, -53.2225, 34.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 209, 82) }
```

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

```
.background{ background-color: rgb(47, 209,  
82) }
```

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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