

Converting Colors

HunterLab(67.8304, -56.6850,
39.7687)

Have a look what the booklet for
HunterLab(67.8304, -56.6850,
39.7687) contains.

HunterLab(67.7871, -56.6699, 39.7613)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(67.7871,
-56.6699, 39.7613)**

Conversions

Conversions Part 1

Format	Color
Hex	1DD11D
RGB	29, 209, 29
RGB Percent	11%, 82%, 11%
CMY	0.8863, 0.1804, 0.8862
CMYK	0.86, 0.00, 0.86, 0.18
HSL	120°, 76%, 47%
HSV	120°, 86%, 82%
XYZ	23.5290, 45.9509, 8.7917
YIQ	134.6600, -49.5000, -94.1400

Conversions

Conversions Part 2

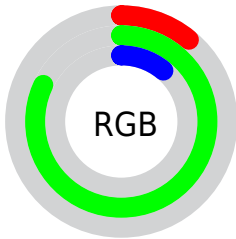
Format	Color
R _Y B	29, 209, 209
Decimal	1954077
CIE Lab	73.51, -71.89, 67.89
CIE LCh	74, 98.877, 136.639
Yxy	45.9528, 0.3006, 0.5871
Android (android.graphics.Color)	4280144157 (0xFF1DD11D)
YUV	134.6600, -52.0904, -92.6638
Hunter-Lab	67.7871, -56.6699, 39.7613

Details

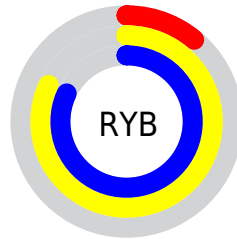
The HunterLab color **67.7871, -56.6699, 39.7613** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **43.6323, 80.0950, -53.6743**, and the grayscale version is **49.3028, -2.6307, 2.6787**.

A 20% lighter version of the original color is **87.0753, -61.0650, 45.5349**, and **47.7310, -40.9293, 28.6951** is the 20% darker color. If you saturate the color by 10%, you get **67.5817, -57.6586, 40.4298**, and if you desaturate by 10%, it is **68.1967, -54.7312, 38.4497**.

Distribution



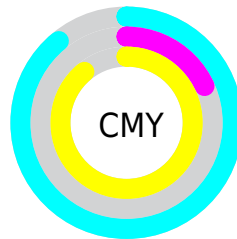
- Red (11%)
- Green (82%)
- Blue (11%)



- Red (11%)
- Yellow (82%)
- Blue (82%)



- Cyan (86%)
- Magenta (0%)
- Yellow (86%)
- Black (18%)



- Cyan (89%)
- Magenta (18%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.7871, -56.6699, 39.7613 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 67.7871, -56.6699, 39.7613 by changing the saturation by 10% instead.

■ 67.7871, -56.6699,
39.7613

■ 67.7871, -56.6699,
39.7613

192.5147,
-93.1201, 75.6334

■ 56.7526, -51.7983,
35.0139

■ 91.7324, -65.7238,
48.6555

■ 46.3906, -46.6222,
30.0326

■ 104.5794,
-69.9807, 52.8511

■ 36.7495, -41.0623,
24.9197

■ 117.9757,
-74.0947, 56.9075

■ 27.8880, -35.0039,
19.5216

■ 131.8997,
-78.0864, 60.8423

■ 19.8817, -28.3340,
13.9172

■ 146.3322,
-81.9723, 64.6704

■ 12.8344, -22.4602,
8.9841

■ 161.2556,

■ 6.2380, -10.9164,

-85.7660, 68.4046

4.3666

176.6546,
-89.4788, 72.0558

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.7871, -56.6699,
39.7613

■ 67.7871, -56.6699,
39.7613

■ 67.5817, -57.6586,
40.4298

■ 68.1967, -54.7312,
38.4497

■ 67.5299, -57.9067,
40.5975


■ 68.8385, -51.7091,
36.4059


■ 69.7355, -47.5396,
33.5865


■ 70.9018, -42.2094,
29.9828


■ 72.3449, -35.7495,

25.6159

 74.0669, -28.2261,
20.5308

 76.0652, -19.7306,
14.7899

 78.3331, -10.3708,
8.4660

 80.8614, -0.2606,
1.6367

Harmonies

Analogous

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



67.7885, -27.1254, 44.9319



67.7871, -56.6699, 39.7613



67.7885, -69.9796, 20.3914

Triad

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



67.7885, -56.6708, 39.7615



67.7885, -22.8674, -139.7490



67.7885, 103.5985, 23.6255

Complementary

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



67.7871, -56.6699, 39.7613



43.6323, 80.0950, -53.6743

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.



67.7885, 105.6349, -18.7671



67.7871, -56.6699, 39.7613



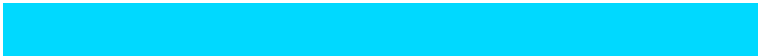
67.7885, 23.5994, -136.4876

Square

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



67.7885, -56.6708, 39.7615



67.7885, -54.2734, -90.3661



67.7885, 73.3831, -83.1871



67.7885, 68.3952, 40.7800

Rectangle

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



67.7871, -56.6699, 39.7613



67.7885, -70.9872, -6.7715



67.7885, 73.3831, -83.1871



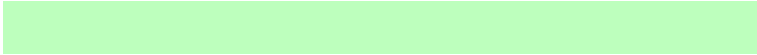
67.7885, 108.4570, 12.7110

Sweetspot

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



67.7885, -56.6708, 39.7615



92.7156, -35.5229, 25.8293



76.9723, -20.3306, 46.1787



42.5275, -18.0253, 13.0250

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.7885, -56.6708, 39.7615



84.5695, -72.5182, 50.8415



68.6994, -51.0109, 26.3762



36.3405, -6.3411, 4.9679



53.0247, -45.4685, 31.8773



12.5383, -10.7514, 7.5375

Inverse Universe

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



43.6323, 80.0950, -53.6743



53.3658, 104.9175, -70.3759



39.7072, 65.6664, -0.4442



34.6541, 2.7672, -1.2563



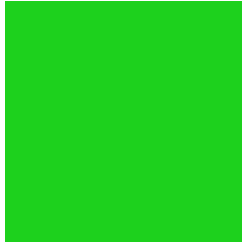
33.4601, 65.7829, -44.1255



7.9120, 15.5551, -10.4343

Previews

White Background



This preview shows how the HunterLab color 67.7871, -56.6699, 39.7613 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 67.7871, -56.6699, 39.7613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

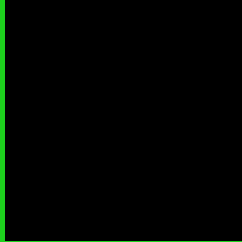
Any Text WCAG AA ✓ Pass

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 67.7871, -56.6699, 39.7613 Background



This preview shows how black text looks on a background with the HunterLab color 67.7871, -56.6699, 39.7613.



This preview shows how white text looks on a background with the HunterLab color 67.7871, -56.6699, 39.7613.

-56.6699, 39.7613.

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

67.7871, -56.6699, 39.7613

Protanopia

66.9655, -8.9822, 40.5611

Deuteranopia

66.9730, 4.7535, 38.3699



Tritanopia

67.4247, -24.7014, -12.5022

Trichromacy



Original Color

67.7871, -56.6699, 39.7613



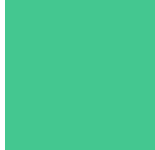
Protanomaly

65.0982, -33.8124, 38.7830



Deuteranomaly

64.2146, -26.9485, 36.8968



Tritanomaly

66.3999, -41.3550, 16.6310

Monochromacy



Original Color

67.7871, -56.6699, 39.7613



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

54.0111, -28.8994, 20.6275

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.7871, -56.6699, 39.7613 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(29, 209, 29)` looks like.

```
.text, #text, p{  
    color:rgb(29, 209, 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(29, 209, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 209, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 67.7871, -56.6699, 39.7613 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(29, 209, 29) }
```


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

```
.border{ border-color:rgb(29, 209, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 209, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 209, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 209, 29);  
box-shadow:4px 4px 4px 4px rgb(29, 209,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.7871, -56.6699, 39.7613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 209, 29) }
```

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

```
.background{ background-color: rgb(29, 209,  
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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