

Converting Colors

HunterLab(83.1695, -53.3412,
49.5141)

Have a look what the booklet for
HunterLab(83.1695, -53.3412,
49.5141) contains.

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Color

**HunterLab(83.2171,
-53.5105, 49.5585)**

Conversions

Conversions Part 1

Format	Color
Hex	8DF21C
RGB	141, 242, 28
RGB Percent	55%, 95%, 11%
CMY	0.4471, 0.0510, 0.8901
CMYK	0.42, 0.00, 0.88, 0.05
HSL	88°, 89%, 53%
HSV	88°, 88%, 95%
XYZ	42.9463, 69.2509, 12.2018
YIQ	187.4050, 8.4980, -87.9660

Conversions

Conversions Part 2

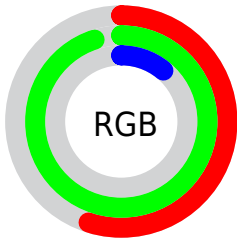
Format	Color
R _Y B	28, 242, 129
Decimal	9302556
CIE Lab	86.63, -58.69, 80.52
CIE LCh	87, 99.637, 126.087
Yxy	69.2539, 0.3452, 0.5567
Android (android.graphics.Color)	4287492636 (0xFF8DF21C)
YUV	187.4050, -78.5867, -40.6972
Hunter-Lab	83.2171, -53.5105, 49.5585

Details

The HunterLab color **83.2171, -53.5105, 49.5585** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **34.5124, 71.4893, -121.8026**, and the grayscale version is **70.9838, -3.7875, 3.8567**.

A 20% lighter version of the original color is **92.1832, -40.5512, 48.5006**, and **60.2641, -44.7691, 36.3507** is the 20% darker color. If you saturate the color by 10%, you get **82.6003, -56.1313, 49.8366**, and if you desaturate by 10%, it is **83.9484, -50.3617, 48.5344**.

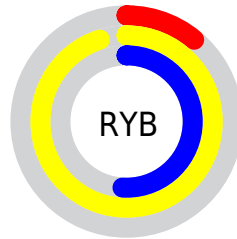
Distribution



Red (55%)

Green (95%)

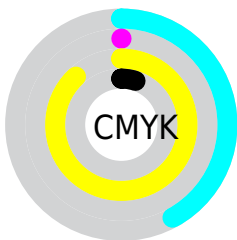
Blue (11%)



Red (11%)

Yellow (95%)

Blue (51%)

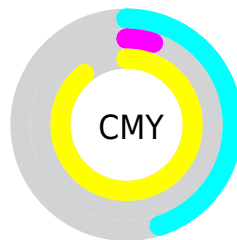


Cyan (42%)

Magenta (0%)

Yellow (88%)

Black (5%)



Cyan (45%)


Magenta (5%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.2171, -53.5105, 49.5585 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 83.2171, -53.5105, 49.5585 by changing the saturation by 10% instead.


 83.2171, -53.5105,
49.5585


 83.2171, -53.5105,
49.5585


213.9920,
-83.1010, 89.7341

 71.3572, -49.7336,
44.3348


 108.6941,
-60.6623, 59.4299


 60.1197, -45.7801,
38.8933


 122.2570,
-64.0762, 64.1164

 49.5431, -41.6097,
33.2251


 136.3413,
-67.4038, 68.6609

 39.6719, -37.1642,
27.7703

 150.9285,
-70.6571, 73.0790

 30.5603, -32.3597,
21.3922

 166.0017,
-73.8458, 77.3841

 22.2782, -27.0702,
15.5947

 181.5457,

 14.9187, -22.3130,

-76.9783, 81.5884

10.4431

197.5467,
-80.0614, 85.7020

■ 8.5670, -14.9923,
5.9969

0.0000, NaN, NaN

■ 83.2171, -53.5105,
49.5585

■ 83.2171, -53.5105,
49.5585

■ 82.6003, -56.1313,
49.8366

■ 83.9484, -50.3617,
48.5344

■ 82.5101, -56.5119,
49.8530

■ 84.8003, -46.6251,
46.6035

■ 85.7813, -42.2796,
43.6760

■ 86.8960, -37.3180,
39.6951

■ 88.1471, -31.7460,
34.6297

■ 89.5358, -25.5789,
28.4704

■ 91.0624, -18.8399,
21.2254

■ 92.7258, -11.5583,
12.9176

■ 94.5243, -3.7675,
3.5815

Harmonies

Analogous

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



83.2189, -14.3209, 53.6742



83.2171, -53.5105, 49.5585



83.2189, -74.9327, 33.5592

Triad

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



83.2189, -53.5122, 49.5589



83.2189, -39.6932, -128.4664



83.2189, 113.2520, 13.5895

Complementary

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



83.2171, -53.5105, 49.5585



34.5124, 71.4893, -121.8026

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.



83.2189, 101.9576, -41.2930



83.2171, -53.5105, 49.5585



83.2189, 5.9144, -145.6701

Square

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



83.2189, -53.5122, 49.5589



83.2189, -68.3601, -68.6136



83.2189, 59.5323, -107.2459



83.2189, 87.5368, 42.2154

Rectangle

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



83.2171, -53.5105, 49.5585



83.2189, -79.8386, 10.4886



83.2189, 59.5323, -107.2459



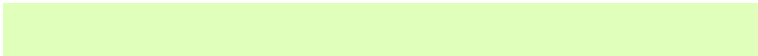
83.2189, 113.7247, -1.9049

Sweetspot

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



83.2189, -53.5122, 49.5589



95.2263, -26.2153, 29.2435



58.6245, 32.9999, 35.5898



43.8119, -13.2104, 14.6498

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.2189, -53.5122, 49.5589



87.5448, -60.0364, 52.8936



79.9694, -67.0424, 47.2879



42.5054, -5.6703, 6.3552



60.5418, -41.1405, 36.5853



17.6306, -11.1775, 10.6682

Inverse Universe

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



34.5124, 71.4893, -121.8026



33.5247, 78.9478, -145.2785



49.8826, 93.9948, -67.4686



39.4899, 1.4377, -2.2485



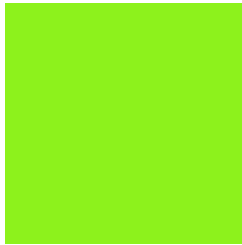
23.3536, 54.7402, -99.2218



7.1588, 16.2617, -26.3969

Previews

White Background



This preview shows how the HunterLab color 83.2171, -53.5105, 49.5585 looks on a white background.

Color Contrast Check

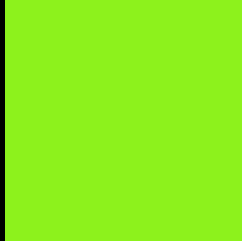
Large Text (above 18pt) WCAG AA × Fail

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 83.2171, -53.5105, 49.5585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

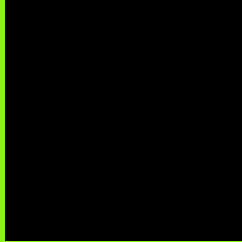
Any Text WCAG AA ✓ Pass

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 83.2171, -53.5105, 49.5585 Background



This preview shows how black text looks on a background with the HunterLab color 83.2171, -53.5105, 49.5585.



This preview shows how white text looks on a background with the HunterLab color 83.2171,

-53.5105, 49.5585.

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

83.2171, -53.5105, 49.5585

Protanopia

82.5894, -11.3369, 50.2819

Deuteranopia

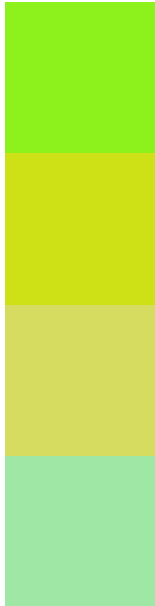
82.5016, 2.8103, 34.9392



Tritanopia

82.9195, -17.0994, -9.8350

Trichromacy



Original Color

83.2171, -53.5105, 49.5585

Protanomaly

81.8720, -28.7621, 49.3959

Deuteranomaly

81.4302, -21.0839, 41.9250

Tritanomaly

81.9996, -35.3855, 24.1696

Monochromacy



Original Color

83.2171, -53.5105, 49.5585

Achromatopsia

70.4935, -3.7614, 3.8300

Achromatomaly

73.9978, -26.1249, 28.4988

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.2171, -53.5105, 49.5585 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(141, 242, 28)` looks like.

```
.text, #text, p{  
    color:rgb(141, 242, 28)  
}
```

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(141, 242, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 242, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 83.2171, -53.5105, 49.5585 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(141, 242, 28) }
```


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

```
.border{ border-color:rgb(141, 242, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 242, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 242, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 242, 28);  
box-shadow:4px 4px 4px 4px rgb(141, 242,  
28) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.2171, -53.5105, 49.5585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 242, 28) }
```

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

```
.background{ background-color: rgb(141,  
242, 28) }
```

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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