

Converting Colors

HunterLab(89.8356, -49.8542,
53.9471)

Have a look what the booklet for
HunterLab(89.8356, -49.8542,
53.9471) contains.

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Color

**HunterLab(90.0260,
-49.9317, 54.0656)**

Conversions

Conversions Part 1

Format	Color
Hex	B2FF17
RGB	178, 255, 23
RGB Percent	70%, 100%, 9%
CMY	0.3020, 0.0000, 0.9097
CMYK	0.30, 0.00, 0.91, 0.00
HSL	80°, 100%, 55%
HSV	80°, 91%, 100%
XYZ	54.2747, 81.0468, 13.5936
YIQ	205.5290, 28.5800, -88.4760

Conversions

Conversions Part 2

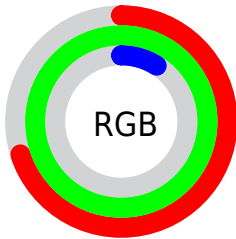
Format	Color
R _Y B	23, 255, 100
Decimal	11730711
CIE Lab	92.15, -51.36, 86.51
CIE LCh	92, 100.604, 120.697
Yxy	81.0469, 0.3645, 0.5442
Android (android.graphics.Color)	4289920791 (0xFFB2FF17)
YUV	205.5290, -89.9868, -24.1429
Hunter-Lab	90.0260, -49.9317, 54.0656

Details

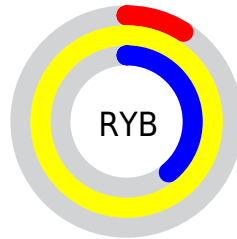
The HunterLab color **90.0260, -49.9317, 54.0656** is a light color, and the websafe version is hex **99FF00**. The color can be described as light washed chartreuse. A complement of this color would be **32.4719, 72.9862, -151.4559**, and the grayscale version is **78.7263, -4.2006, 4.2773**.

A 20% lighter version of the original color is **95.2842, -28.7628, 50.7080**, and **66.5129, -42.1526, 40.2470** is the 20% darker color. If you saturate the color by 10%, you get **89.5019, -52.0935, 54.2387**, and if you desaturate by 10%, it is **90.6835, -47.1540, 53.1879**.

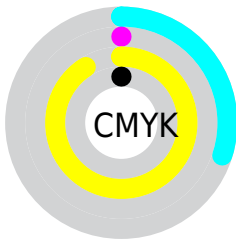
Distribution



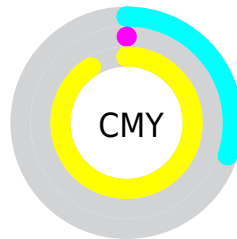
- Red (70%)
- Green (100%)
- Blue (9%)



- Red (9%)
- Yellow (100%)
- Blue (39%)



- Cyan (30%)
- Magenta (0%)
- Yellow (91%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.0260, -49.9317, 54.0656 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 90.0260, -49.9317, 54.0656 by changing the saturation by 10% instead.

90.0260, -49.9317,
54.0656

90.0260, -49.9317,
54.0656

223.2608,
-76.2271, 96.2558

77.8333, -46.6456,
48.6148

116.1191,
-56.2014, 64.3954

66.2468, -43.2303,
42.9531

129.9724,
-59.2164, 69.3118

55.3003, -39.6555,
37.0723

144.3367,
-62.1673, 74.0847

45.0335, -35.8801,
31.2096

159.1942,
-65.0631, 78.7287

35.4949, -31.8454,
24.8464

174.5292,
-67.9112, 83.2569

26.7449, -27.4645,
18.7215

190.3273,

18.8625, -22.6011,

-70.7178, 87.6809

13.2037

206.5752,
-73.4883, 92.0109

■ 11.9561, -20.5500,
8.3693

■ 4.8816, -8.5428,
3.4171

■ 90.0260, -49.9317,
54.0656

■ 90.0260, -49.9317,
54.0656

■ 89.5019, -52.0935,
54.2387

■ 90.6835, -47.1540,
53.1879

■ 91.4370, -43.8925,
51.3713

■ 92.2944, -40.1109,
48.5017

■ 93.2614, -35.7884,
44.5014

■ 94.3422, -30.9159,
39.3196

■ 95.5396, -25.4939,
32.9278

■ 96.8551, -19.5304,
25.3159

■ 98.2895, -13.0399,
16.4900

■ 99.8427, -6.0420,
6.4696

Harmonies

Analogous

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



90.0260, -6.0073, 57.3421



90.0260, -49.9317, 54.0656



90.0260, -75.8304, 39.8531

Triad

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



90.0260, -49.9316, 54.0649



90.0260, -48.2746, -121.7768



90.0260, 116.9423, 6.0364

Complementary

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



90.0260, -49.9317, 54.0656



32.4719, 72.9862, -151.4559

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.



90.0260, 98.6704, -54.3670



90.0260, -49.9317, 54.0656



90.0260, -3.6032, -149.0291

Square

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



90.0260, -49.9316, 54.0649



90.0260, -75.0357, -57.5602



90.0260, 51.4375, -119.3152



90.0260, 96.9771, 40.9093

Rectangle

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



90.0260, -49.9317, 54.0656



90.0260, -83.0862, 18.8198



90.0260, 51.4375, -119.3152



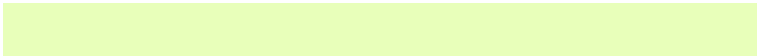
90.0260, 115.0348, -11.6719

Sweetspot

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



90.0260, -49.9316, 54.0649



96.0479, -23.1894, 30.0505



54.5673, 53.7451, 33.6830



44.2335, -11.6474, 15.0525

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



90.0260, -49.9316, 54.0649



89.5019, -52.0935, 54.2387



85.2788, -69.4234, 50.7686



45.5752, -5.5723, 6.9831



64.7626, -37.3935, 39.2518



20.3554, -11.0817, 12.3489

Inverse Universe

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



32.4719, 72.9862, -151.4559



30.2235, 75.6466, -165.6459



46.7983, 92.2008, -89.4102



42.0364, 1.0484, -2.6405



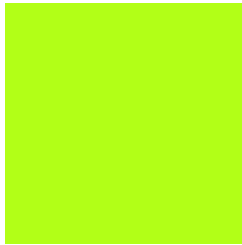
22.0120, 54.8346, -118.6296



7.2699, 17.5025, -34.4688

Previews

White Background



This preview shows how the HunterLab color 90.0260, -49.9317, 54.0656 looks on a white background.

Color Contrast Check

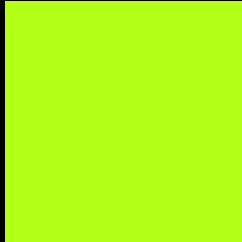
Large Text (above 18pt) WCAG AA × Fail

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 90.0260, -49.9317, 54.0656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

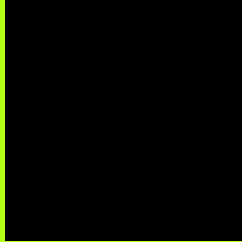
Any Text WCAG AA ✓ Pass

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 90.0260, -49.9317, 54.0656 Background



This preview shows how black text looks on a background with the HunterLab color 90.0260, -49.9317, 54.0656.



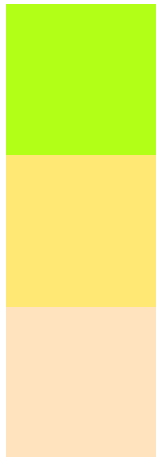
This preview shows how white text looks on a background with the HunterLab color 90.0260, -49.9317, 54.0656.

-49.9317, 54.0656.

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

90.0260, -49.9317, 54.0656

Protanopia

89.5735, -10.7848, 44.0692

Deuteranopia

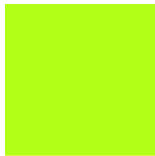
89.4202, -0.5567, 22.4087



Tritanopia

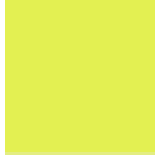
89.7918, -11.5475, -7.3428

Trichromacy



Original Color

90.0260, -49.9317, 54.0656



Protanomaly

89.0282, -26.7555, 49.0742



Deuteranomaly

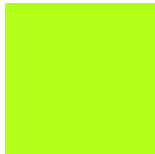
88.6064, -22.1186, 40.0800



Tritanomaly

89.0190, -31.0462, 28.6484

Monochromacy



Original Color

90.0260, -49.9317, 54.0656



Achromatopsia

78.5625, -4.1919, 4.2684



Achromatomaly

81.7992, -25.1350, 32.2597

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 90.0260, -49.9317, 54.0656 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(178, 255, 23)` looks like.

```
.text, #text, p{  
    color:rgb(178, 255, 23)  
}
```

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(178, 255, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 255, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 90.0260, -49.9317, 54.0656 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(178, 255, 23) }
```


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

```
.border{ border-color:rgb(178, 255, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 255, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 255, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 255, 23);  
box-shadow:4px 4px 4px 4px rgb(178, 255,  
23) }
```

Background

The CSS property to change the background color of an element to HunterLab 90.0260, -49.9317, 54.0656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 255, 23) }
```

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

```
.background{ background-color: rgb(178,  
255, 23) }
```

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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