

Converting Colors

HunterLab(49.9048, -35.6156,
21.3266)

Have a look what the booklet for
HunterLab(49.9048, -35.6156,
21.3266) contains.

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Color

**HunterLab(49.9458,
-35.6838, 21.3706)**

Conversions

Conversions Part 1

Format	Color
Hex	2F9C4F
RGB	47, 156, 79
RGB Percent	18%, 61%, 31%
CMY	0.8157, 0.3882, 0.6902
CMYK	0.70, 0.00, 0.49, 0.39
HSL	138°, 54%, 40%
HSV	138°, 70%, 61%
XYZ	14.4721, 24.9458, 11.4494
YIQ	114.6310, -40.2470, -47.0550

Conversions

Conversions Part 2

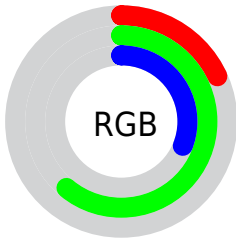
Format	Color
RYB	47, 131, 156
Decimal	3120207
CIELab	57.02, -47.76, 31.50
CIELCh	57, 57.213, 146.592
Yxy	24.9469, 0.2845, 0.4904
Android (android.graphics.Color)	4281310287 (0xFF2F9C4F)
YUV	114.6310, -17.5661, -59.3124
Hunter-Lab	49.9458, -35.6838, 21.3706

Details

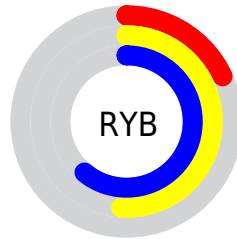
The HunterLab color $49.9458, -35.6838, 21.3706$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $32.4910, 44.0386, -14.0065$, and the grayscale version is $41.3409, -2.2058, 2.2461$.

A 20% lighter version of the original color is $71.6422, -42.1887, 25.9292$, and $31.3040, -25.7150, 16.3840$ is the 20% darker color. If you saturate the color by 10%, you get $49.4900, -37.8834, 23.2840$, and if you desaturate by 10%, it is $50.5571, -32.8319, 19.2287$.

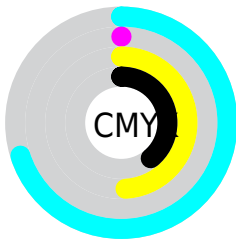
Distribution



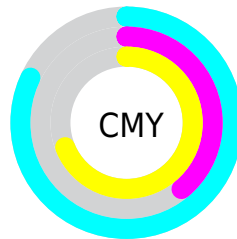
- Red (18%)
- Green (61%)
- Blue (31%)



- Red (18%)
- Yellow (51%)
- Blue (61%)



- Cyan (70%)
- Magenta (0%)
- Yellow (49%)
- Black (39%)



- Cyan (82%)
- Magenta (39%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9458, -35.6838, 21.3706 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 49.9458, -35.6838, 21.3706 by changing the saturation by 10% instead.

■ 49.9458, -35.6838,
21.3706

■ 49.9458, -35.6838,
21.3706

166.6053,
-62.7048, 41.3298

■ 40.0468, -32.0432,
18.7760

■ 71.8129, -42.3925,
26.2117

■ 30.9042, -28.1299,
16.0157

■ 83.6986, -45.5365,
28.5067

■ 22.5878, -23.8440,
13.0345

■ 96.1760, -48.5752,
30.7404

■ 15.1897, -19.2329,
10.6328

■ 109.2184,
-51.5267, 32.9248

■ 8.8179, -15.4313,
6.1725

■ 122.8022,
-54.4052, 35.0693

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.9067,

-57.2219, 37.1812

0.0000, NaN, NaN

151.5133,
-59.9859, 39.2664

0.0000, NaN, NaN

■ 49.9458, -35.6838,
21.3706

■ 49.9458, -35.6838,
21.3706

■ 49.4900, -37.8834,
23.2840

■ 50.5571, -32.8319,
19.2287

■ 49.1746, -39.4587,
24.9493

■ 51.3290, -29.3212,
16.8811

■ 48.9653, -40.5462,
26.3399

■ 52.2671, -25.1690,
14.3562

■ 48.9629, -40.5589,
26.3557

■ 53.3731, -20.4096,
11.6842

■ 54.6464, -15.0895,
8.8966

■ 56.0840, -9.2643,
6.0239

■ 57.6814, -2.9934,
3.0949

■ 59.4328, 3.6629,
0.1351

■ 61.3315, 10.6463,
-2.8333

Harmonies

Analogous

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



49.9468, -21.7149, 28.2169



49.9458, -35.6838, 21.3706



49.9468, -40.9313, 5.2620

Triad

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



49.9468, -35.6844, 21.3709



49.9468, -5.3852, -64.0747



49.9468, 45.7332, 18.6642

Complementary

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



49.9458, -35.6838, 21.3706



32.4910, 44.0386, -14.0065

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.



49.9468, 52.3351, 0.0343



49.9458, -35.6838, 21.3706



49.9468, 19.7454, -54.7245

Square

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



49.9468, -35.6844, 21.3709



49.9468, -25.6488, -49.6548



49.9468, 42.0549, -28.0447



49.9468, 25.4061, 27.2534

Rectangle

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



49.9458, -35.6838, 21.3706



49.9468, -39.6860, -11.5325



49.9468, 42.0549, -28.0447



49.9468, 49.7794, 13.7125

Sweetspot

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



49.9468, -35.6844, 21.3709



73.3656, -21.4893, 12.5783



53.2467, -23.1956, 29.4096



34.2048, -10.9529, 6.3512



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



49.9468, -35.6844, 21.3709



66.4281, -52.3819, 32.7208



51.0479, -29.0061, 5.4321



27.2608, -4.3145, 2.8365



44.4427, -36.7712, 23.8290



6.0002, -4.5595, 2.3429

Inverse Universe

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



32.4910, 44.0386, -14.0065



40.2841, 67.9411, -18.7857



30.9054, 37.4753, 8.3863



25.9256, 1.5941, 0.0606



25.9980, 48.1271, -11.1435



3.5751, 6.7860, -2.8328

Previews

White Background



This preview shows how the HunterLab color 49.9458, -35.6838, 21.3706 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9458, -35.6838, 21.3706 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 × Fail

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

HunterLab 49.9458, -35.6838, 21.3706 Background



This preview shows how black text looks on a background with the HunterLab color 49.9458, -35.6838, 21.3706.



This preview shows how white text looks on a background with the HunterLab color 49.9458,

-35.6838, 21.3706.

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

49.9458, -35.6838, 21.3706

Protanopia

49.5583, -5.5004, 23.1065

Deuteranopia

49.5274, 3.3284, 20.0373



Tritanopia

49.8262, -17.2815, -8.6309

Trichromacy



Original Color

49.9458, -35.6838, 21.3706

Protanomaly

48.6453, -19.4374, 21.5215

Deuteranomaly

48.1194, -14.9182, 19.3064

Tritanomaly

49.5120, -25.1777, 4.7784

Monochromacy



Original Color

49.9458, -35.6838, 21.3706

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

43.7015, -16.8544, 9.5793

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9458, -35.6838, 21.3706 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, 156, 79)` looks like.

```
.text, #text, p{  
    color:rgb(47, 156, 79)  
}
```

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, 156, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 156, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9458, -35.6838, 21.3706 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, 156, 79) }
```


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

```
.border{ border-color:rgb(47, 156, 79) }
```

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

Here you see how a box with a 4 pixel rgb(47, 156, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 156, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 156, 79);  
box-shadow:4px 4px 4px 4px rgb(47, 156,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9458, -35.6838, 21.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 156, 79) }
```

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

```
.background{ background-color: rgb(47, 156,  
79) }
```

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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