

Converting Colors

HunterLab(49.9115, -33.4927,
16.5582)

Have a look what the booklet for
HunterLab(49.9115, -33.4927,
16.5582) contains.

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Color

**HunterLab(49.9288,
-33.3979, 16.4594)**

Conversions

Conversions Part 1

Format	Color
Hex	2F9B62
RGB	47, 155, 98
RGB Percent	18%, 61%, 38%
CMY	0.8157, 0.3921, 0.6157
CMYK	0.70, 0.00, 0.37, 0.39
HSL	148°, 53%, 40%
HSV	148°, 70%, 61%
XYZ	15.0982, 24.9289, 15.5713
YIQ	116.2100, -46.0710, -40.6230

Conversions

Conversions Part 2

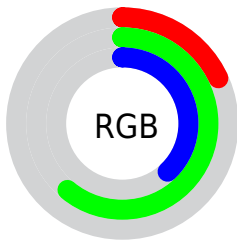
Format	Color
RYB	47, 120, 155
Decimal	3119970
CIELab	57.01, -43.89, 21.28
CIElCh	57, 48.780, 154.130
Yxy	24.9299, 0.2716, 0.4484
Android (android.graphics.Color)	4281310050 (0xFF2F9B62)
YUV	116.2100, -8.9775, -60.6972
Hunter-Lab	49.9288, -33.3979, 16.4594

Details

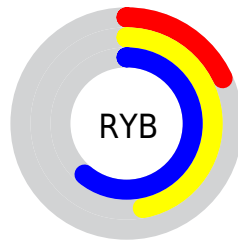
The HunterLab color $49.9288, -33.3979, 16.4594$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $31.6252, 40.7969, -4.3532$, and the grayscale version is $41.9191, -2.2367, 2.2775$.

A 20% lighter version of the original color is $71.6861, -39.4581, 19.9649$, and $31.5270, -24.3279, 13.1109$ is the 20% darker color. If you saturate the color by 10%, you get $49.4751, -35.5664, 18.3198$, and if you desaturate by 10%, it is $50.5257, -30.6540, 14.5376$.

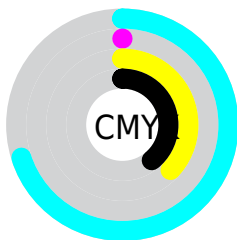
Distribution



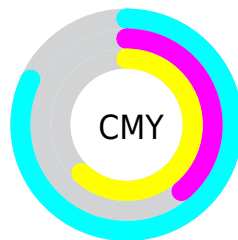
- Red (18%)
- Green (61%)
- Blue (38%)



- Red (18%)
- Yellow (47%)
- Blue (61%)



- Cyan (70%)
- Magenta (0%)
- Yellow (37%)
- Black (39%)



- Cyan (82%)
- Magenta (39%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9288, -33.3979, 16.4594 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 49.9288, -33.3979, 16.4594 by changing the saturation by 10% instead.

■ 49.9288, -33.3979,
16.4594

■ 49.9288, -33.3979,
16.4594

166.5798,
-58.6219, 31.6961

■ 40.0310, -30.0318,
14.5871

■ 71.7937, -39.6215,
20.0219

■ 30.8897, -26.4221,
12.6210

■ 83.6784, -42.5475,
21.7422

■ 22.5747, -22.4778,
10.5208

■ 96.1548, -45.3809,
23.4356

■ 15.1783, -18.1175,
8.4296

■ 109.1963,
-48.1379, 25.1090

■ 8.8075, -15.4131,
6.1652

■ 122.7792,
-50.8314, 26.7680

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.8828,

-53.4714, 28.4167

0.0000, NaN, NaN

151.4886,
-56.0660, 30.0585

0.0000, NaN, NaN

■ 49.9288, -33.3979,
16.4594

■ 49.9288, -33.3979,
16.4594

■ 49.4751, -35.5664,
18.3198

■ 50.5257, -30.6540,
14.5376

■ 49.1503, -37.1851,
20.0921

■ 51.2705, -27.3276,
12.5789

■ 48.9224, -38.3790,
21.7376

■ 52.1687, -23.4324,
10.6087

■ 48.9155, -38.4153,
21.7876

■ 53.2224, -18.9958,
8.6509

■ 54.4312, -14.0569,
6.7271

■ 55.7931, -8.6620,
4.8561

■ 57.3042, -2.8616,
3.0536

■ 58.9597, 3.2925,
1.3318

■ 60.7538, 9.7499,
-0.3002

Harmonies

Analogous

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



49.9298, -22.9028, 24.8508



49.9288, -33.3979, 16.4594



49.9298, -36.1962, -0.0571

Triad

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



49.9298, -33.3984, 16.4598



49.9298, 0.2021, -50.9670



49.9298, 34.3048, 19.5031

Complementary

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



49.9288, -33.3979, 16.4594



31.6252, 40.7969, -4.3532

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.



49.9298, 43.0122, 5.3421



49.9288, -33.3979, 16.4594



49.9298, 21.4139, -39.3164

Square

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



49.9298, -33.3984, 16.4598



49.9298, -18.7189, -44.1247



49.9298, 37.9526, -16.5538



49.9298, 15.7105, 26.0454

Rectangle

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



49.9288, -33.3979, 16.4594



49.9298, -33.7719, -15.1571



49.9298, 37.9526, -16.5538



49.9298, 38.6101, 15.7386

Sweetspot

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



49.9298, -33.3984, 16.4598



72.5457, -20.0020, 9.4440



51.6024, -27.9912, 28.2169



34.3124, -10.3359, 4.8049



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.



49.9298, -33.3984, 16.4598



65.9296, -48.9717, 25.9461



51.2791, -25.2961, -2.8955



26.4040, -3.9719, 2.2553



43.8467, -34.3740, 19.3989



5.4286, -3.7873, 1.3904

Inverse Universe

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



31.6252, 40.7969, -4.3532



38.6256, 62.7990, -3.1348



30.3933, 35.6320, 13.3317



25.0488, 1.3309, 0.5846



24.6818, 44.2725, 0.4121



3.1373, 5.8427, -1.6164

Previews

White Background



This preview shows how the HunterLab color 49.9288, -33.3979, 16.4594 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 49.9288, -33.3979, 16.4594 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 49.9288, -33.3979, 16.4594 Background



This preview shows how black text looks on a background with the HunterLab color 49.9288, -33.3979, 16.4594.



This preview shows how white text looks on a background with the HunterLab color 49.9288,

-33.3979, 16.4594.

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

49.9288, -33.3979, 16.4594

Protanopia

49.5475, -4.9930, 18.8687

Deuteranopia

49.4351, 3.6808, 14.8186



Tritanopia

49.9851, -18.2892, -8.4265

Trichromacy



Original Color

49.9288, -33.3979, 16.4594

Protanomaly

48.8004, -18.2668, 17.1688

Deuteranomaly

48.3182, -13.4843, 14.1126

Tritanomaly

49.9635, -24.6704, 2.2706

Monochromacy



Original Color

49.9288, -33.3979, 16.4594

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

43.9244, -15.6777, 7.2624

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9288, -33.3979, 16.4594 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, 155, 98)` looks like.

```
.text, #text, p{  
  color:rgb(47, 155, 98)  
}
```

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, 155, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 155, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9288, -33.3979, 16.4594 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, 155, 98) }
```


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

```
.border{ border-color:rgb(47, 155, 98) }
```

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

Here you see how a box with a 4 pixel rgb(47, 155, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 155, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 155, 98);  
box-shadow:4px 4px 4px 4px rgb(47, 155,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9288, -33.3979, 16.4594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 155, 98) }
```

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

```
.background{ background-color: rgb(47, 155,  
98) }
```

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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