

Converting Colors

HunterLab(51.1622, -29.9067,
22.0070)

Have a look what the booklet for
HunterLab(51.1622, -29.9067,
22.0070) contains.

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Color

**HunterLab(51.3317,
-29.9798, 22.1140)**

Conversions

Conversions Part 1

Format	Color
Hex	569C51
RGB	86, 156, 81
RGB Percent	34%, 61%, 32%
CMY	0.6627, 0.3882, 0.6823
CMYK	0.45, 0.00, 0.48, 0.39
HSL	116°, 32%, 46%
HSV	116°, 48%, 61%
XYZ	17.2114, 26.3494, 11.9634
YIQ	126.5200, -17.6450, -38.1650

Conversions

Conversions Part 2

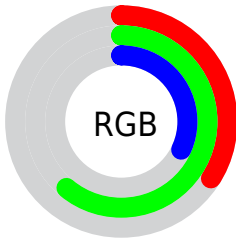
Format	Color
RYB	81, 156, 151
Decimal	5676113
CIELab	58.37, -37.67, 32.43
CIELCh	58, 49.708, 139.279
Yxy	26.3505, 0.3100, 0.4746
Android (android.graphics.Color)	4283866193 (0xFF569C51)
YUV	126.5200, -22.4414, -35.5360
Hunter-Lab	51.3317, -29.9798, 22.1140

Details

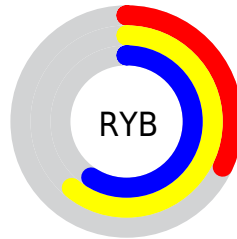
The HunterLab color $[51.3317, -29.9798, 22.1140]$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $[38.5556, 33.0240, -24.0331]$, and the grayscale version is $[45.9714, -2.4529, 2.4977]$.

A 20% lighter version of the original color is $[73.3689, -35.2774, 26.9511]$, and $[32.0963, -23.9687, 16.7001]$ is the 20% darker color. If you saturate the color by 10%, you get $[50.5179, -33.6891, 24.5978]$, and if you desaturate by 10%, it is $[52.3212, -25.5610, 19.0869]$.

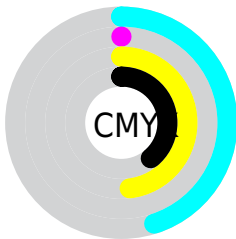
Distribution



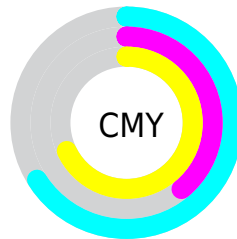
- Red (34%)
- Green (61%)
- Blue (32%)



- Red (32%)
- Yellow (61%)
- Blue (59%)



- Cyan (45%)
- Magenta (0%)
- Yellow (48%)
- Black (39%)



- Cyan (66%)
- Magenta (39%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3317, -29.9798, 22.1140 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 51.3317, -29.9798, 22.1140 by changing the saturation by 10% instead.

■ 51.3317, -29.9798,
22.1140

■ 51.3317, -29.9798,
22.1140

168.6709,
-52.2748, 42.4464

■ 41.3353, -27.0717,
19.4723

■ 73.3757, -35.4041,
27.0469

■ 32.0872, -23.9740,
16.6650

■ 85.3426, -37.9733,
29.3858

■ 23.6550, -20.6157,
13.6388

■ 97.8975, -40.4720,
31.6622

■ 16.1269, -16.8772,
11.2888

■ 111.0140,
-42.9132, 33.8880

■ 9.6283, -16.8496,
6.7398

■ 124.6689,
-45.3068, 36.0725

0.0000, NaN, NaN

0.0000, NaN, NaN

138.8420,

-47.6608, 38.2233

0.0000, NaN, NaN

153.5148,
-49.9817, 40.3463

0.0000, NaN, NaN

■ 51.3317, -29.9798,
22.1140

■ 51.3317, -29.9798,
22.1140

■ 50.5179, -33.6891,
24.5978

■ 52.3212, -25.5610,
19.0869

■ 49.8727, -36.6654,
26.5286

■ 53.4841, -20.4698,
15.5393

■ 49.3899, -38.9121,
27.9175

■ 54.8198, -14.7607,
11.5073

■ 49.0582, -40.4596,
28.7980

■ 56.3246, -8.4961,
7.0345

■ 48.8586, -41.3902,
29.2773

■ 57.9933, -1.7428,
2.1686

■ 48.8314, -41.5198,
29.3628

■ 59.8193, 5.4324,
-3.0414

■ 61.7952, 12.9653,
-8.5478

■ 63.9133, 20.7968,
-14.3060

■ 66.1656, 28.8737,
-20.2755

Harmonies

Analogous

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



51.3328, -15.4456, 27.4851



51.3317, -29.9798, 22.1140



51.3328, -36.7925, 9.4589

Triad

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



51.3328, -29.9807, 22.1144



51.3328, -10.0630, -51.3296



51.3328, 41.3720, 13.9601

Complementary

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



51.3317, -29.9798, 22.1140



38.5556, 33.0240, -24.0331

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.



51.3328, 43.4394, -4.9046



51.3317, -29.9798, 22.1140



51.3328, 11.3320, -48.5215

Square

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



51.3328, -29.9807, 22.1144



51.3328, -26.5889, -35.8389



51.3328, 31.7148, -29.2436



51.3328, 26.4530, 24.2625

Rectangle

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



51.3317, -29.9798, 22.1140



51.3328, -36.9195, -3.8171



51.3328, 31.7148, -29.2436



51.3328, 43.6746, 8.6285

Sweetspot

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



51.3328, -29.9807, 22.1144



74.6228, -16.7681, 13.2843



54.5862, -9.6434, 25.0111



34.8180, -8.6478, 6.7887



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.



51.3328, -29.9807, 22.1144



67.9774, -45.8788, 33.4640



51.7020, -27.3275, 13.2939



27.2417, -4.4946, 3.6801



44.3242, -37.6519, 26.6532



5.9730, -4.8387, 3.5958

Inverse Universe

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



38.5556, 33.0240, -24.0331



47.6607, 55.1531, -40.7320



37.9422, 28.9158, -5.6546



25.9462, 1.7916, -0.9058



26.4325, 52.7461, -40.9008



3.6190, 7.1744, -5.2335

Previews

White Background



This preview shows how the HunterLab color 51.3317, -29.9798, 22.1140 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 51.3317, -29.9798, 22.1140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

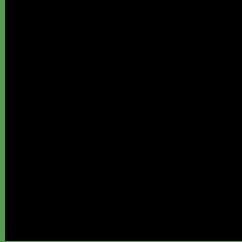
Any Text WCAG AA ✓ Pass

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 51.3317, -29.9798, 22.1140 Background



This preview shows how black text looks on a background with the HunterLab color 51.3317, -29.9798, 22.1140.



This preview shows how white text looks on a background with the HunterLab color 51.3317,

-29.9798, 22.1140.

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

51.3317, -29.9798, 22.1140

Protanopia

51.1216, -5.7517, 23.6800

Deuteranopia

50.8903, 3.7868, 20.9195



Tritanopia

51.1815, -12.2434, -6.6740

Trichromacy



Original Color

51.3317, -29.9798, 22.1140

Protanomaly

50.7550, -16.1211, 22.7909

Deuteranomaly

50.1942, -10.2722, 20.5979

Tritanomaly

50.9295, -19.6364, 6.0411

Monochromacy



Original Color

51.3317, -29.9798, 22.1140

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.6943, -13.9090, 10.8071

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3317, -29.9798, 22.1140 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(86, 156, 81)` looks like.

```
.text, #text, p{  
    color:rgb(86, 156, 81)  
}
```

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(86, 156, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 156, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3317, -29.9798, 22.1140 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(86, 156, 81) }
```


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

```
.border{ border-color:rgb(86, 156, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 156, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 156, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 156, 81);  
box-shadow:4px 4px 4px 4px rgb(86, 156,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3317, -29.9798, 22.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 156, 81) }
```

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

```
.background{ background-color: rgb(86, 156,  
81) }
```

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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