

Converting Colors

HunterLab(51.8730, -29.6822,
23.0236)

Have a look what the booklet for
HunterLab(51.8730, -29.6822,
23.0236) contains.

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Color

**HunterLab(51.8677,
-29.5705, 22.9873)**

Conversions

Conversions Part 1

Format	Color
Hex	5B9D4F
RGB	91, 157, 79
RGB Percent	36%, 62%, 31%
CMY	0.6431, 0.3843, 0.6902
CMYK	0.42, 0.00, 0.50, 0.38
HSL	111°, 33%, 46%
HSV	111°, 50%, 62%
XYZ	17.7826, 26.9026, 11.6526
YIQ	128.3740, -14.2980, -38.2500

Conversions

Conversions Part 2

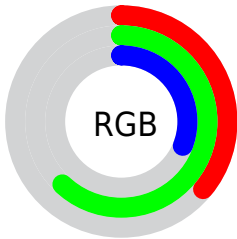
Format	Color
RYB	79, 157, 145
Decimal	6004047
CIELab	58.89, -36.81, 34.16
CIElCh	59, 50.212, 137.139
Yxy	26.9037, 0.3156, 0.4775
Android (android.graphics.Color)	4284194127 (0xFF5B9D4F)
YUV	128.3740, -24.3414, -32.7770
Hunter-Lab	51.8677, -29.5705, 22.9873

Details

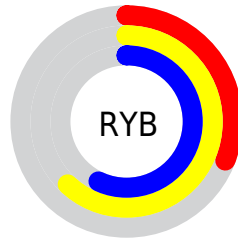
The HunterLab color $51.8677, -29.5705, 22.9873$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $37.4792, 32.3320, -26.8031$, and the grayscale version is $46.7051, -2.4921, 2.5376$.

A 20% lighter version of the original color is $73.9719, -34.7380, 28.0456$, and $32.5506, -23.7217, 17.2810$ is the 20% darker color. If you saturate the color by 10%, you get $51.0735, -33.1733, 25.3798$, and if you desaturate by 10%, it is $52.8167, -25.3381, 20.0279$.

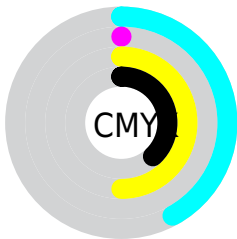
Distribution



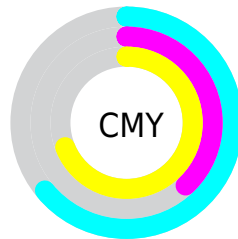
- Red (36%)
- Green (62%)
- Blue (31%)



- Red (31%)
- Yellow (62%)
- Blue (57%)



- Cyan (42%)
- Magenta (0%)
- Yellow (50%)
- Black (38%)



- Cyan (64%)
- Magenta (38%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8677, -29.5705, 22.9873 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 51.8677, -29.5705, 22.9873 by changing the saturation by 10% instead.

■ 51.8677, -29.5705,
22.9873

■ 51.8677, -29.5705,
22.9873

169.4670,
-51.4470, 44.1094

■ 41.8341, -26.7298,
20.2299

■ 73.9793, -34.8788,
28.1296

■ 32.5458, -23.7084,
17.2985

■ 85.9773, -37.3968,
30.5640

■ 24.0695, -20.4389,
14.1396

■ 98.5618, -39.8477,
32.9308

■ 16.4920, -16.8084,
11.5444

■ 111.7066,
-42.2439, 35.2426

■ 9.9362, -16.7341,
6.9554

■ 125.3889,
-44.5949, 37.5091

0.0000, NaN, NaN

139.5882,

0.0000, NaN, NaN

-46.9085, 39.7384

0.0000, NaN, NaN

154.2864,
-49.1909, 41.9367

0.0000, NaN, NaN

■ 51.8677, -29.5705,
22.9873

■ 51.8677, -29.5705,
22.9873

■ 51.0735, -33.1733,
25.3798

■ 52.8167, -25.3381,
20.0279

■ 50.4278, -36.1254,
27.2037

■ 53.9177, -20.5063,
16.5164

■ 49.9263, -38.4276,
28.4772


■ 55.1705, -15.1197,
12.4811

■ 49.5605, -40.1013,
29.2410


■ 56.5722, -9.2293,
7.9584


■ 49.3127, -41.2286,
29.6472


■ 58.1186, -2.8899,
2.9901

 49.3062, -41.2583,
29.6600

 59.8044, 3.8432,
-2.3793

 61.6238, 10.9160,
-8.1050

 63.5706, 18.2779,
-14.1435

 65.6381, 25.8828,
-20.4541

Harmonies

Analogous

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



51.8688, -14.3263, 28.0004



51.8677, -29.5705, 22.9873



51.8688, -37.0432, 10.7883

Triad

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



51.8688, -29.5714, 22.9877



51.8688, -11.5989, -51.5293



51.8688, 42.5972, 13.0669

Complementary

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



51.8677, -29.5705, 22.9873



37.4792, 32.3320, -26.8031

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.



51.8688, 43.6467, -6.6472



51.8677, -29.5705, 22.9873



51.8688, 9.8952, -50.1017

Square

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



51.8688, -29.5714, 22.9877



51.8688, -27.8543, -34.7520



51.8688, 30.8959, -31.4011



51.8688, 28.2257, 24.0721

Rectangle

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



51.8677, -29.5705, 22.9873



51.8688, -37.5540, -2.2700



51.8688, 30.8959, -31.4011



51.8688, 44.5932, 7.4475

Sweetspot

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



51.8688, -29.5714, 22.9877



74.6298, -16.8498, 14.1211



52.6122, -6.2675, 23.9732



34.8393, -8.6156, 7.1685



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.



51.8688, -29.5714, 22.9877



68.2075, -45.0304, 34.3710



51.7661, -29.1023, 16.0808



27.2903, -4.3203, 3.7363



44.4467, -37.1290, 26.7379



6.0446, -4.5375, 3.6452

Inverse Universe

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



37.4792, 32.3320, -26.8031



45.4640, 53.6747, -45.5450



37.9466, 31.4282, -9.6191



25.8899, 1.6025, -0.9806



24.5562, 50.1044, -46.5433



3.4715, 6.9633, -5.6506

Previews

White Background



This preview shows how the HunterLab color 51.8677, -29.5705, 22.9873 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 51.8677, -29.5705, 22.9873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

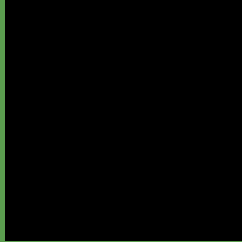
Any Text WCAG AA ✓ Pass

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 51.8677, -29.5705, 22.9873 Background



This preview shows how black text looks on a background with the HunterLab color 51.8677, -29.5705, 22.9873.



This preview shows how white text looks on a background with the HunterLab color 51.8677,

-29.5705, 22.9873.

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

51.8677, -29.5705, 22.9873

Protanopia

51.4905, -5.9432, 24.1643

Deuteranopia

51.6156, 3.3852, 21.9924



Tritanopia

51.7514, -11.6513, -6.4174

Trichromacy



Original Color

51.8677, -29.5705, 22.9873

Protanomaly

51.2784, -15.7524, 23.4160

Deuteranomaly

51.0100, -10.3962, 21.7382

Tritanomaly

51.5156, -19.0160, 6.6976

Monochromacy



Original Color

51.8677, -29.5705, 22.9873

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

48.2036, -13.5640, 11.3207

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8677, -29.5705, 22.9873 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(91, 157, 79)` looks like.

```
.text, #text, p{  
    color:rgb(91, 157, 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(91, 157, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 157, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8677, -29.5705, 22.9873 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(91, 157, 79) }
```


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

```
.border{ border-color:rgb(91, 157, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 157, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 157, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 157, 79);  
box-shadow:4px 4px 4px 4px rgb(91, 157,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8677, -29.5705, 22.9873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 157, 79) }
```

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

```
.background{ background-color: rgb(91, 157,  
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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