

Converting Colors

HunterLab(51.0807, -30.2821,
32.3327)

Have a look what the booklet for
HunterLab(51.0807, -30.2821,
32.3327) contains.

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Color

**HunterLab(51.2518,
-29.7835, 31.0597)**

Conversions

Conversions Part 1

Format	Color
Hex	669B00
RGB	102, 155, 0
RGB Percent	40%, 61%, 0%
CMY	0.6000, 0.3921, 0.9999
CMYK	0.34, 0.00, 1.00, 0.39
HSL	81°, 100%, 30%
HSV	81°, 100%, 61%
XYZ	17.2008, 26.2675, 4.1636
YIQ	121.4830, 18.1670, -59.4410

Conversions

Conversions Part 2

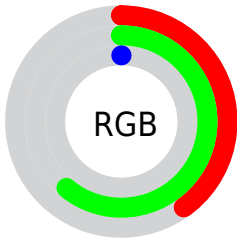
Format	Color
RYB	0, 155, 53
Decimal	6724352
CIELab	58.29, -37.40, 60.71
CIElCh	58, 71.301, 121.636
Yxy	26.2686, 0.3611, 0.5515
Android (android.graphics.Color)	4284914432 (0xFF669B00)
YUV	121.4830, -59.8911, -17.0866
Hunter-Lab	51.2518, -29.7835, 31.0597

Details

The HunterLab color $51.2518, -29.7835, 31.0597$ is a dark color, and the websafe version is hex 669900 . A complement of this color would be $17.6757, 43.6550, -92.3677$, and the grayscale version is $44.1363, -2.3550, 2.3980$.

A 20% lighter version of the original color is $73.3602, -35.2266, 39.7696$, and $32.0645, -22.8398, 19.3582$ is the 20% darker color. If you saturate the color by 10%, you get $51.2526, -29.7859, 31.0602$, and if you desaturate by 10%, it is $51.5987, -28.3351, 30.7572$.

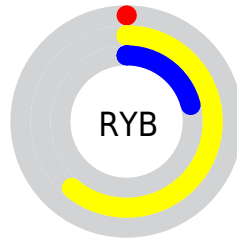
Distribution



Red (40%)

Green (61%)

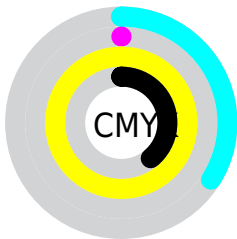
Blue (0%)



Red (0%)

Yellow (61%)

Blue (21%)

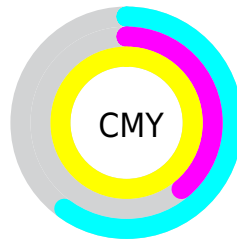


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (60%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2518, -29.7835, 31.0597 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 51.2518, -29.7835, 31.0597 by changing the saturation by 10% instead.

■ 51.2518, -29.7835,
31.0597

■ 51.2518, -29.7835,
31.0597

168.5521,
-51.9592, 65.2110

■ 41.2610, -26.8932,
26.4172

■ 73.2857, -35.1766,
39.6609

■ 32.0189, -23.8146,
21.7253

■ 85.2480, -37.7314,
43.6787

■ 23.5933, -20.4771,
16.5153

■ 97.7984, -40.2165,
47.5432

■ 16.0726, -16.7619,
11.2508

■ 110.9107,
-42.6446, 51.2761

■ 9.5826, -16.7696,
6.7078

■ 124.5616,
-45.0257, 54.8955

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.7307,

-47.3678, 58.4163

0.0000, NaN, NaN

153.3997,
-49.6772, 61.8513

0.0000, NaN, NaN

51.2518, -29.7835,
31.0597

51.2518, -29.7835,
31.0597

51.2526, -29.7859,
31.0602

51.5987, -28.3351,
30.7572

51.9877, -26.6747,
30.0881

52.4308, -24.7427,
28.8911

52.9318, -22.5237,
27.1148

53.4933, -20.0093,
24.7239

■ 54.1172, -17.1968,
21.6960

■ 54.8048, -14.0878,
18.0192

■ 55.5567, -10.6878,
13.6908

■ 56.3732, -7.0054,
8.7157

Harmonies

Analogous

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



51.2529, -4.3857, 32.9893



51.2518, -29.7835, 31.0597



51.2529, -44.4888, 22.7096

Triad

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



51.2529, -29.7847, 31.0599



51.2529, -27.5156, -73.5359



51.2529, 69.2050, 4.3428

Complementary

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



51.2518, -29.7835, 31.0597



17.6757, 43.6550, -92.3677

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.



51.2529, 59.0426, -31.0131



51.2518, -29.7835, 31.0597



51.2529, -1.0682, -88.8746

Square

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



51.2529, -29.7847, 31.0599



51.2529, -43.4079, -35.4785



51.2529, 31.4264, -70.0708



51.2529, 56.6828, 24.1336

Rectangle

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



51.2518, -29.7835, 31.0597



51.2529, -48.4745, 10.1937



51.2529, 31.4264, -70.0708



51.2529, 68.3187, -5.9155

Sweetspot

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



51.2529, -29.7847, 31.0599



73.2833, -19.1104, 24.4300



30.6531, 32.1442, 19.4503



34.6893, -9.8872, 12.5818



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.



51.2529, -29.7847, 31.0599



68.5084, -40.1742, 41.5112



48.6430, -40.5616, 29.2630



26.6779, -3.1708, 3.9246



45.9559, -26.5999, 27.8521



5.7934, -2.5662, 3.5250

Inverse Universe

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



17.6757, 43.6550, -92.3677



23.4511, 58.2329, -124.9393



26.5472, 54.3748, -51.9510



24.7465, 0.5043, -1.3436



15.9007, 39.1844, -82.3913



2.3781, 5.2675, -7.7262

Previews

White Background



This preview shows how the HunterLab color 51.2518, -29.7835, 31.0597 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 51.2518, -29.7835, 31.0597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

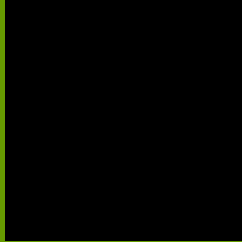
Any Text WCAG AA ✓ Pass

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 51.2518, -29.7835, 31.0597 Background



This preview shows how black text looks on a background with the HunterLab color 51.2518, -29.7835, 31.0597.



This preview shows how white text looks on a background with the HunterLab color 51.2518,

-29.7835, 31.0597.

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

51.2518, -29.7835, 31.0597

Protanopia

51.0150, -7.1251, 31.3104

Deuteranopia

50.8197, 3.7588, 29.9476



Tritanopia

51.1843, -7.8099, -5.0305

Trichromacy



Original Color

51.2518, -29.7835, 31.0597

Protanomaly

50.6498, -16.0154, 30.9298

Deuteranomaly

50.1924, -9.9887, 30.0257

Tritanomaly

50.5227, -19.4346, 16.9388

Monochromacy



Original Color

51.2518, -29.7835, 31.0597

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

45.7037, -14.8889, 18.7934

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2518, -29.7835, 31.0597 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(102, 155, 0)` looks like.

```
.text, #text, p{  
    color:rgb(102, 155, 0)  
}
```

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(102, 155, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 155, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2518, -29.7835, 31.0597 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(102, 155, 0) }
```


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

```
.border{ border-color:rgb(102, 155, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 155, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 155, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 155, 0);  
box-shadow:4px 4px 4px 4px rgb(102, 155,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2518, -29.7835, 31.0597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 155, 0) }
```

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

```
.background{ background-color: rgb(102,  
155, 0) }
```

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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