

Converting Colors

HunterLab(58.1093, -27.8034,
33.9905)

Have a look what the booklet for
HunterLab(58.1093, -27.8034,
33.9905) contains.

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Color

**HunterLab(58.0290,
-27.7807, 33.9464)**

Conversions

Conversions Part 1

Format	Color
Hex	83AA1F
RGB	131, 170, 31
RGB Percent	51%, 67%, 12%
CMY	0.4863, 0.3333, 0.8784
CMYK	0.23, 0.00, 0.82, 0.33
HSL	77°, 69%, 39%
HSV	77°, 82%, 67%
XYZ	23.9821, 33.6736, 6.5320
YIQ	142.4930, 21.3750, -51.4970

Conversions

Conversions Part 2

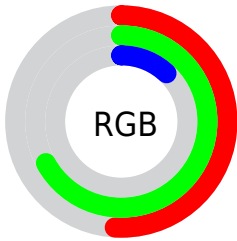
Format	Color
RYB	31, 170, 70
Decimal	8628767
CIELab	64.70, -31.91, 60.85
CIELCh	65, 68.707, 117.671
Yxy	33.6752, 0.3736, 0.5246
Android (android.graphics.Color)	4286818847 (0xFF83AA1F)
YUV	142.4930, -54.9660, -10.0794
Hunter-Lab	58.0290, -27.7807, 33.9464

Details

The HunterLab color $58.0290, -27.7807, 33.9464$ is a dark color, and the websafe version is hex 669900 . A complement of this color would be $22.7711, 40.6779, -84.2825$, and the grayscale version is $52.4148, -2.7967, 2.8478$.

A 20% lighter version of the original color is $80.7072, -32.3735, 42.2215$, and $38.0702, -22.2726, 23.0687$ is the 20% darker color. If you saturate the color by 10%, you get $57.6504, -29.3873, 34.5820$, and if you desaturate by 10%, it is $58.4631, -25.9037, 32.7347$.

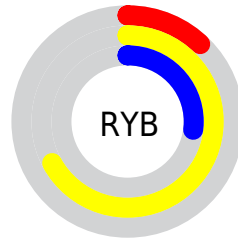
Distribution



Red (51%)

Green (67%)

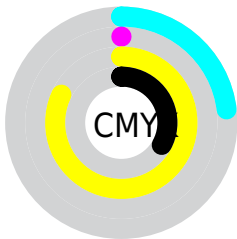
Blue (12%)



Red (12%)

Yellow (67%)

Blue (27%)

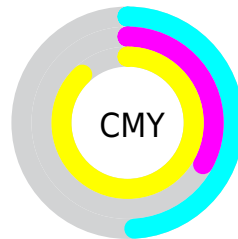


Cyan (23%)

Magenta (0%)

Yellow (82%)

Black (33%)



Cyan (49%)

Magenta (33%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.0290, -27.7807, 33.9464 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 58.0290, -27.7807, 33.9464 by changing the saturation by 10% instead.

■ 58.0290, -27.7807,
33.9464

■ 58.0290, -27.7807,
33.9464

178.5164,
-47.2522, 67.4363

■ 47.5859, -25.3372,
29.4506

■ 80.8877, -32.4133,
42.3110

■ 37.8563, -22.7694,
24.7066

■ 93.2304, -34.6352,
46.2361

■ 28.8985, -20.0349,
20.2289

■ 106.1439,
-36.8111, 50.0220

■ 20.7858, -17.0634,
14.5501

■ 119.6040,
-38.9498, 53.6878

■ 13.6177, -13.7605,
9.5324

■ 133.5895,
-41.0582, 57.2497

■ 7.2163, -12.6285,
5.0514

■ 148.0811,

0.0000, NaN, NaN

-43.1418, 60.7212

0.0000, NaN, NaN

163.0620,
-45.2053, 64.1135

0.0000, NaN, NaN

■ 58.0290, -27.7807,
33.9464

■ 58.0290, -27.7807,
33.9464

■ 57.6504, -29.3873,
34.5820

■ 58.4631, -25.9037,
32.7347

■ 57.3676, -30.5587,
34.8146

■ 58.9535, -23.7301,
30.8808

■ 59.5049, -21.2482,
28.3394

■ 60.1196, -18.4509,
25.0790

■ 60.7997, -15.3360,
21.0809

■ 61.5462, -11.9058,
16.3363

■ 62.3600, -8.1660,
10.8457

■ 63.2412, -4.1252,
4.6174

■ 64.1897, 0.2054,
-2.3339

Harmonies

Analogous

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



58.0303, -0.7101, 35.7497



58.0290, -27.7807, 33.9464



58.0303, -44.6247, 25.6891

Triad

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



58.0303, -27.7822, 33.9467



58.0303, -31.1176, -66.0206



58.0303, 67.4496, 0.8584

Complementary

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



58.0290, -27.7807, 33.9464



22.7711, 40.6779, -84.2825

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.



58.0303, 54.8800, -35.0447



58.0290, -27.7807, 33.9464



58.0303, -5.4508, -84.1459

Square

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



58.0303, -27.7822, 33.9467



58.0303, -46.2541, -28.9744



58.0303, 26.5533, -70.6140



58.0303, 58.1298, 23.4724

Rectangle

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



58.0290, -27.7807, 33.9464



58.0303, -49.8017, 13.8025



58.0303, 26.5533, -70.6140



58.0303, 65.5968, -9.9836

Sweetspot

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



58.0303, -27.7822, 33.9467



82.5186, -17.7915, 24.4809



35.7609, 31.7440, 20.4415



38.8065, -9.1438, 12.5843



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



58.0303, -27.7822, 33.9467



77.2873, -41.0877, 46.8070



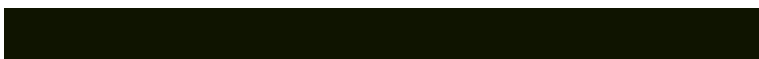
54.7003, -41.2263, 31.5787



29.4389, -3.3829, 4.4072



49.2311, -26.0923, 29.8792



7.8320, -3.4721, 4.7652

Inverse Universe

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



22.7711, 40.6779, -84.2825



25.4976, 63.3465, -143.6304



30.4130, 53.3423, -54.4695



27.2005, 0.4497, -1.5811



16.1764, 40.9002, -91.8521



2.9813, 6.8479, -11.5791

Previews

White Background



This preview shows how the HunterLab color 58.0290, -27.7807, 33.9464 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 58.0290, -27.7807, 33.9464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

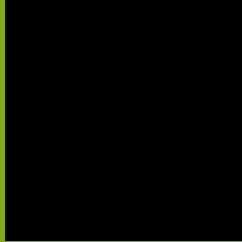
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 58.0290, -27.7807, 33.9464 Background



This preview shows how black text looks on a background with the HunterLab color 58.0290, -27.7807, 33.9464.



This preview shows how white text looks on a background with the HunterLab color 58.0290, -27.7807, 33.9464.

-27.7807, 33.9464.

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

58.0290, -27.7807, 33.9464

Protanopia

57.8128, -8.0540, 34.4196

Deuteranopia

57.5239, 4.1883, 33.1636



Tritanopia

57.8835, -4.3679, -3.8732

Trichromacy



Original Color

58.0290, -27.7807, 33.9464

Protanomaly

57.7911, -15.8021, 34.2068

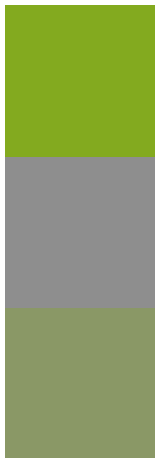
Deuteranomaly

57.1787, -8.6944, 33.0907

Tritanomaly

57.3232, -15.3210, 16.6751

Monochromacy



Original Color

58.0290, -27.7807, 33.9464

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

53.6834, -13.7864, 18.9549

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.0290, -27.7807, 33.9464 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(131, 170, 31)` looks like.

```
.text, #text, p{  
    color:rgb(131, 170, 31)  
}
```

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(131, 170, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 170, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 58.0290, -27.7807, 33.9464 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(131, 170, 31) }
```


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

```
.border{ border-color:rgb(131, 170, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 170, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 170, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 170, 31);  
box-shadow:4px 4px 4px 4px rgb(131, 170,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.0290, -27.7807, 33.9464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 170, 31) }
```

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

```
.background{ background-color: rgb(131,  
170, 31) }
```

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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