

Converting Colors

HunterLab(29.3263, -20.2502,
20.5284)

Have a look what the booklet for
HunterLab(29.3263, -20.2502,
20.5284) contains.

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Color

**HunterLab(29.5114,
-19.1768, 17.8491)**

Conversions

Conversions Part 1

Format	Color
Hex	335E00
RGB	51, 94, 0
RGB Percent	20%, 37%, 0%
CMY	0.8000, 0.6314, 1.0000
CMYK	0.46, 0.00, 1.00, 0.63
HSL	87°, 100%, 18%
HSV	87°, 100%, 37%
XYZ	5.3680, 8.7092, 1.3981
YIQ	70.4270, 4.5460, -38.3500

Conversions

Conversions Part 2

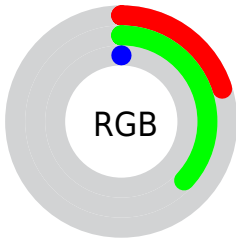
Format	Color
RYB	0, 94, 43
Decimal	3366400
CIELab	35.42, -29.80, 41.82
CIELCh	35, 51.348, 125.471
Yxy	8.7096, 0.3469, 0.5628
Android (android.graphics.Color)	4281556480 (0xFF335E00)
YUV	70.4270, -34.7205, -17.0375
Hunter-Lab	29.5114, -19.1768, 17.8491

Details

The HunterLab color $[29.5114, -19.1768, 17.8491]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[11.4978, 26.7173, -47.0571]$, and the grayscale version is $[25.0174, -1.3349, 1.3592]$.

A 20% lighter version of the original color is $[48.3841, -24.1374, 24.9623]$, and $[14.2584, -12.2266, 8.5719]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.5119, -19.1778, 17.8494]$, and if you desaturate by 10%, it is $[29.7441, -18.1667, 17.4719]$.

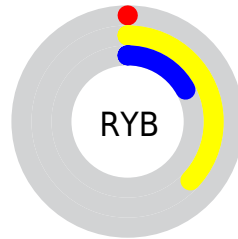
Distribution



Red (20%)

Green (37%)

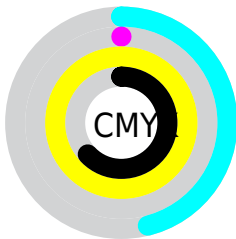
Blue (0%)



Red (0%)

Yellow (37%)

Blue (17%)

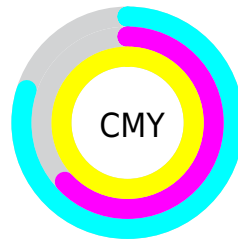


Cyan (46%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (80%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5114, -19.1768, 17.8491 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 29.5114, -19.1768, 17.8491 by changing the saturation by 10% instead.

■ 29.5114, -19.1768,
17.8491

■ 29.5114, -19.1768,
17.8491

■ 134.6093,
-39.0699, 44.8087

■ 21.3360, -16.4075,
14.5451

■ 48.3097, -24.1509,
24.8345

■ 14.0962, -13.3202,
9.8674

■ 58.8034, -26.4559,
28.0238

■ 7.7455, -13.5546,
5.4218

■ 69.9630, -28.6790,
31.0630

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.7509, -30.8387,
33.9805

0.0000, NaN, NaN

■ 94.1352, -32.9486,
36.7984


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 107.0886,


-35.0187, 39.5338


0.0000, NaN, NaN


 120.5870,
-37.0571, 42.2003


 29.5114, -19.1768,
17.8491


 29.5114, -19.1768,
17.8491


 29.5119, -19.1778,
17.8494

 29.7441, -18.1667,
17.4719

 30.0007, -17.0506,
16.9875

 30.2940, -15.7586,
16.2158

 30.6258, -14.2861,
15.1358

 30.9970, -12.6322,
13.7340

■ 31.4084, -10.7989,
12.0035

■ 31.8602, -8.7905,
9.9423

■ 32.3525, -6.6133,
7.5529

■ 32.8850, -4.2749,
4.8413

Harmonies

Analogous

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



29.5120, -4.8217, 19.2604



29.5114, -19.1768, 17.8491



29.5120, -27.0318, 12.3100

Triad

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



29.5120, -19.1774, 17.8492



29.5120, -14.6785, -47.1673



29.5120, 41.6687, 4.5918

Complementary

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



29.5114, -19.1768, 17.8491



11.4978, 26.7173, -47.0571

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.



29.5120, 37.2251, -15.7063



29.5114, -19.1768, 17.8491



29.5120, 1.8157, -53.9984

Square

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



29.5120, -19.1774, 17.8492



29.5120, -24.9066, -24.7841



29.5120, 21.4548, -40.0709



29.5120, 32.4490, 15.0835

Rectangle

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



29.5114, -19.1768, 17.8491



29.5120, -28.8725, 4.1025



29.5120, 21.4548, -40.0709



29.5120, 41.7444, -1.1288

Sweetspot

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



29.5120, -19.1774, 17.8492



42.0999, -11.8901, 13.4297



20.1428, 13.0917, 12.6408



20.5266, -6.1832, 6.9537



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



29.5120, -19.1774, 17.8492



38.9742, -25.6896, 23.5660



28.3481, -24.0332, 17.0470



16.2466, -1.9650, 2.2170



34.6717, -22.7278, 20.9666



80.8058, -54.5319, 48.8375

Inverse Universe

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



11.4978, 26.7173, -47.0571



15.0190, 35.1421, -63.3302



17.1671, 34.1056, -25.3998



15.2524, 0.3236, -0.6034



13.4180, 31.3119, -55.9271



30.5650, 72.3763, -135.5401

Previews

White Background



This preview shows how the HunterLab color 29.5114, -19.1768, 17.8491 looks on a white 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

Black 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

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

HunterLab 29.5114, -19.1768, 17.8491 Background



This preview shows how black text looks on a background with the HunterLab color 29.5114, -19.1768, 17.8491.



This preview shows how white text looks on a background with the HunterLab color 29.5114,

-19.1768, 17.8491.

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

29.5114, -19.1768, 17.8491

Protanopia

29.2681, -4.2014, 17.9613

Deuteranopia

29.3977, 1.6178, 16.9005



Tritanopia

29.4641, -6.2558, -3.2633

Trichromacy



Original Color

29.5114, -19.1768, 17.8491

Protanomaly

29.0450, -10.5742, 17.7122

Deuteranomaly

28.8071, -7.1430, 16.9099

Tritanomaly

29.2718, -12.9581, 9.1514

Monochromacy



Original Color

29.5114, -19.1768, 17.8491

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

26.1499, -9.4511, 10.3191

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5114, -19.1768, 17.8491 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(51, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(51, 94, 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(51, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 94, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5114, -19.1768, 17.8491 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(51, 94, 0) }
```


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

```
.border{ border-color:rgb(51, 94, 0) }
```

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

Here you see how a box with a 4 pixel rgb(51, 94, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 94, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 94, 0); box-shadow:4px  
4px 4px 4px rgb(51, 94, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.5114, -19.1768, 17.8491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 94, 0) }
```

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

```
.background{ background-color: rgb(51, 94,  
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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