

Converting Colors

HunterLab(29.0938, -20.9748,
20.2284)

Have a look what the booklet for
HunterLab(29.0938, -20.9748,
20.2284) contains.

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Color

**HunterLab(29.3023,
-20.0323, 17.7052)**

Conversions

Conversions Part 1

Format	Color
Hex	2E5E00
RGB	46, 94, 0
RGB Percent	18%, 37%, 0%
CMY	0.8196, 0.6314, 1.0000
CMYK	0.51, 0.00, 1.00, 0.63
HSL	91°, 100%, 18%
HSV	91°, 100%, 37%
XYZ	5.1294, 8.5862, 1.3870
YIQ	68.9320, 1.5660, -39.4100

Conversions

Conversions Part 2

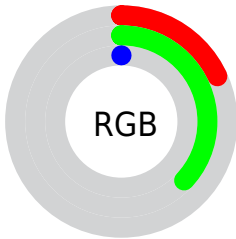
Format	Color
RYB	0, 94, 48
Decimal	3038720
CIELab	35.18, -31.63, 41.52
CIElCh	35, 52.200, 127.301
Yxy	8.5866, 0.3396, 0.5685
Android (android.graphics.Color)	4281228800 (0xFF2E5E00)
YUV	68.9320, -33.9835, -20.1114
Hunter-Lab	29.3023, -20.0323, 17.7052

Details

The HunterLab color $[29.3023, -20.0323, 17.7052]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[11.9869, 27.2676, -44.5177]$, and the grayscale version is $[24.4872, -1.3066, 1.3304]$.

A 20% lighter version of the original color is $[48.0867, -25.3084, 24.7312]$, and $[14.2584, -12.2266, 8.5719]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.3028, -20.0334, 17.7055]$, and if you desaturate by 10%, it is $[29.5381, -19.0013, 17.3265]$.

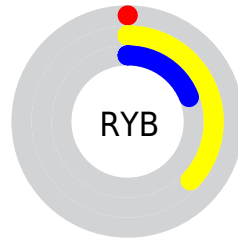
Distribution



Red (18%)

Green (37%)

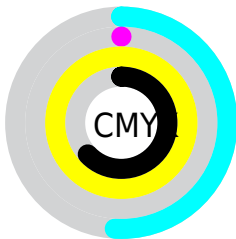
Blue (0%)



Red (0%)

Yellow (37%)

Blue (19%)

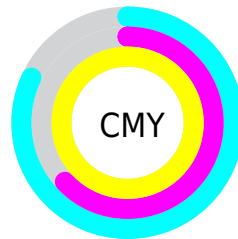


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (82%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.3023, -20.0323, 17.7052 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 29.3023, -20.0323, 17.7052 by changing the saturation by 10% instead.

■ 29.3023, -20.0323,
17.7052

■ 29.3023, -20.0323,
17.7052

■ 134.2622,
-40.8807, 44.5297

■ 21.1484, -17.0985,
14.4347

■ 48.0632, -25.2795,
24.6573

■ 13.9329, -13.8180,
9.7530

■ 58.5401, -27.7023,
27.8304

■ 7.5697, -13.2470,
5.2988

■ 69.6840, -30.0342,
30.8540

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.4570, -32.2955,
33.7565

0.0000, NaN, NaN

■ 93.8272, -34.5009,
36.5598


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 106.7671,


-36.6614, 39.2812


0.0000, NaN, NaN


 120.2525,
-38.7858, 41.9342


 29.3023, -20.0323,
17.7052


 29.3023, -20.0323,
17.7052


 29.3028, -20.0334,
17.7055

 29.5381, -19.0013,
17.3265

 29.8017, -17.8480,
16.8428

 30.1061, -16.5023,
16.0733

 30.4531, -14.9602,
14.9976

 30.8435, -13.2219,
13.6033

■ 31.2781, -11.2908,
11.8845

■ 31.7570, -9.1727,
9.8407

■ 32.2802, -6.8757,
7.4759

■ 32.8472, -4.4092,
4.7975

Harmonies

Analogous

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



29.3029, -5.9169, 19.2571



29.3023, -20.0323, 17.7052



29.3029, -27.5345, 11.8183

Triad

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



29.3029, -20.0329, 17.7053



29.3029, -13.9789, -49.3594



29.3029, 42.3031, 5.5490

Complementary

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



29.3023, -20.0323, 17.7052



11.9869, 27.2676, -44.5177

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.



29.3029, 38.6211, -14.5438



29.3023, -20.0323, 17.7052



29.3029, 3.0564, -55.0717

Square

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



29.3029, -20.0329, 17.7053



29.3029, -24.6870, -26.9173



29.3029, 23.0371, -39.6521



29.3029, 32.1266, 15.5185

Rectangle

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



29.3023, -20.0323, 17.7052



29.3029, -29.1431, 3.1323



29.3029, 23.0371, -39.6521



29.3029, 42.6802, -0.0303

Sweetspot

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



29.3029, -20.0329, 17.7053



41.9598, -12.4105, 13.2931



21.0074, 11.1005, 13.1386



20.4531, -6.4578, 6.8835



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.



29.3029, -20.0329, 17.7053



38.6973, -26.8250, 23.3755



28.2945, -24.2621, 17.0099



16.2301, -2.0236, 2.1979



34.4256, -23.7362, 20.7973



80.2316, -56.8956, 48.4423

Inverse Universe

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



11.9869, 27.2676, -44.5177



15.6706, 35.8663, -59.8719



17.8552, 35.1022, -23.5488



15.2700, 0.3832, -0.5800



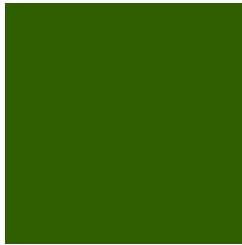
13.9958, 31.9574, -52.8869



31.9311, 73.8586, -128.0139

Previews

White Background



This preview shows how the HunterLab color 29.3023, -20.0323, 17.7052 looks on a white background.

Color Contrast Check

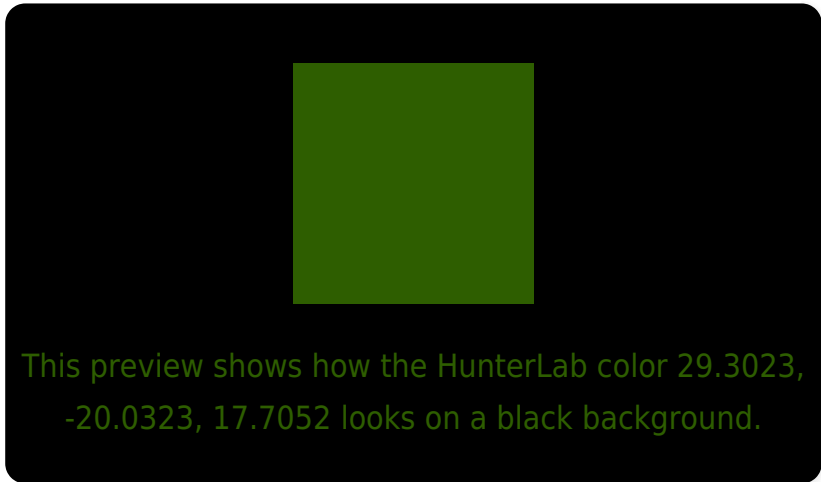
Large Text (above 18pt) WCAG AA ✓ Pass

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

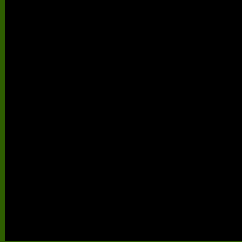
Any Text WCAG AA × Fail

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 29.3023, -20.0323, 17.7052 Background



This preview shows how black text looks on a background with the HunterLab color 29.3023, -20.0323, 17.7052.



This preview shows how white text looks on a background with the HunterLab color 29.3023,

-20.0323, 17.7052.

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

29.3023, -20.0323, 17.7052

Protanopia

29.1782, -4.5226, 17.9003

Deuteranopia

29.0497, 1.7049, 16.6727



Tritanopia

29.2478, -7.0454, -3.5679

Trichromacy



Original Color

29.3023, -20.0323, 17.7052

Protanomaly

28.9014, -11.1197, 17.6142

Deuteranomaly

28.6465, -7.7349, 16.7965

Tritanomaly

29.0221, -13.9283, 8.9060

Monochromacy



Original Color

29.3023, -20.0323, 17.7052

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.7347, -9.6370, 10.1990

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.3023, -20.0323, 17.7052 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(46, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(46, 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(46, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 94, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.3023, -20.0323, 17.7052 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(46, 94, 0) }
```


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

```
.border{ border-color:rgb(46, 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(46, 94, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 94, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(46, 94, 0); box-shadow:4px  
4px 4px 4px rgb(46, 94, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.3023, -20.0323, 17.7052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 94, 0) }
```

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

```
.background{ background-color: rgb(46, 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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