

Converting Colors

HunterLab(29.0778, -21.4570,
20.2145)

Have a look what the booklet for
HunterLab(29.0778, -21.4570,
20.2145) contains.

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Color

**HunterLab(29.2248,
-20.3513, 17.6519)**

Conversions

Conversions Part 1

Format	Color
Hex	2C5E00
RGB	44, 94, 0
RGB Percent	17%, 37%, 0%
CMY	0.8275, 0.6314, 1.0000
CMYK	0.53, 0.00, 1.00, 0.63
HSL	92°, 100%, 18%
HSV	92°, 100%, 37%
XYZ	5.0414, 8.5409, 1.3828
YIQ	68.3340, 0.3740, -39.8340

Conversions

Conversions Part 2

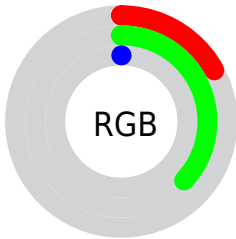
Format	Color
RYB	0, 94, 50
Decimal	2907648
CIELab	35.09, -32.33, 41.41
CIElCh	35, 52.540, 127.978
Yxy	8.5413, 0.3369, 0.5707
Android (android.graphics.Color)	4281097728 (0xFF2C5E00)
YUV	68.3340, -33.6887, -21.3409
Hunter-Lab	29.2248, -20.3513, 17.6519

Details

The HunterLab color $[29.2248, -20.3513, 17.6519]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[12.1925, 27.5063, -43.5037]$, and the grayscale version is $[24.2757, -1.2953, 1.3189]$.

A 20% lighter version of the original color is $[47.9723, -25.7610, 24.6422]$, and $[14.2584, -12.2266, 8.5719]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.2253, -20.3523, 17.6522]$, and if you desaturate by 10%, it is $[29.4608, -19.3166, 17.2719]$.

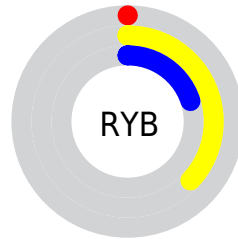
Distribution



Red (17%)

Green (37%)

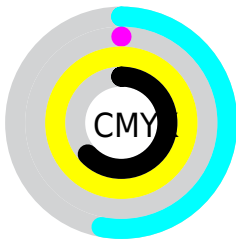
Blue (0%)



Red (0%)

Yellow (37%)

Blue (20%)

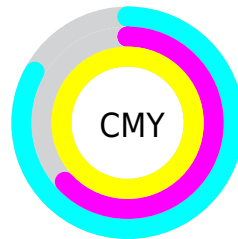


Cyan (53%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (83%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2248, -20.3513, 17.6519 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 29.2248, -20.3513, 17.6519 by changing the saturation by 10% instead.

■ 29.2248, -20.3513,
17.6519

■ 29.2248, -20.3513,
17.6519

■ 134.1334,
-41.5649, 44.4263

■ 21.0789, -17.3544,
14.3940

■ 47.9717, -25.7031,
24.5917

■ 13.8724, -14.0074,
9.7107

■ 58.4425, -28.1709,
27.7587

■ 7.5034, -13.1309,
5.2524

■ 69.5805, -30.5445,
30.7765

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.3480, -32.8446,
33.6734

0.0000, NaN, NaN

■ 93.7130, -35.0864,
36.4714


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 106.6478,


-37.2815, 39.1876


0.0000, NaN, NaN


 120.1284,
-39.4386, 41.8356


 29.2248, -20.3513,
17.6519


 29.2248, -20.3513,
17.6519


 29.2253, -20.3523,
17.6522

 29.4608, -19.3166,
17.2719

 29.7261, -18.1527,
16.7878

 30.0341, -16.7892,
16.0187

 30.3862, -15.2224,
14.9442

 30.7837, -13.4529,
13.5524

■ 31.2270, -11.4846,
11.8380

■ 31.7163, -9.3242,
9.8009

■ 32.2515, -6.9803,
7.4456

■ 32.8321, -4.4631,
4.7804

Harmonies

Analogous

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



29.2254, -6.3260, 19.2577



29.2248, -20.3513, 17.6519



29.2254, -27.7226, 11.6300

Triad

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



29.2254, -20.3519, 17.6520



29.2254, -13.7139, -50.2078



29.2254, 42.5476, 5.8998

Complementary

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



29.2248, -20.3513, 17.6519



12.1925, 27.5063, -43.5037

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.



29.2254, 39.1567, -14.1114



29.2248, -20.3513, 17.6519



29.2254, 3.5304, -55.4866

Square

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



29.2254, -20.3519, 17.6520



29.2254, -24.6057, -27.7453



29.2254, 23.6436, -39.4973



29.2254, 32.0073, 15.6741

Rectangle

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



29.2248, -20.3513, 17.6519



29.2254, -29.2455, 2.7569



29.2254, 23.6436, -39.4973



29.2254, 43.0398, 0.3746

Sweetspot

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



29.2254, -20.3519, 17.6520



41.9046, -12.6162, 13.2392



21.3087, 10.4304, 13.3126



20.4241, -6.5662, 6.8558



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.



29.2254, -20.3519, 17.6520



38.5952, -27.2463, 23.3052



28.3006, -24.2241, 16.9201



16.2235, -2.0470, 2.1903



34.3346, -24.1110, 20.7347



80.0216, -57.7652, 48.2977

Inverse Universe

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



12.1925, 27.5063, -43.5037



15.9458, 36.1817, -58.4862



17.7770, 34.8318, -22.5395



15.2770, 0.4071, -0.5707



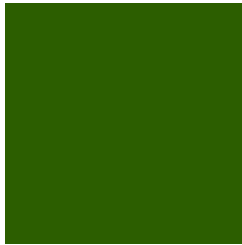
14.2394, 32.2379, -51.6700



32.5122, 74.5111, -124.9816

Previews

White Background



This preview shows how the HunterLab color 29.2248, -20.3513, 17.6519 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

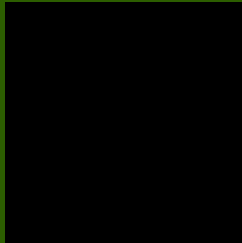
Any Text WCAG AA × Fail

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 29.2248, -20.3513, 17.6519 Background



This preview shows how black text looks on a background with the HunterLab color 29.2248, -20.3513, 17.6519.



This preview shows how white text looks on a background with the HunterLab color 29.2248,

-20.3513, 17.6519.

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

29.2248, -20.3513, 17.6519

Protanopia

29.1782, -4.5226, 17.9003

Deuteranopia

29.0497, 1.7049, 16.6727



Tritanopia

29.1452, -7.4225, -3.7134

Trichromacy



Original Color

29.2248, -20.3513, 17.6519

Protanomaly

28.8310, -11.3883, 17.5661

Deuteranomaly

28.5675, -8.0270, 16.7408

Tritanomaly

28.9286, -14.2943, 8.8138

Monochromacy



Original Color

29.2248, -20.3513, 17.6519

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.3219, -9.8175, 10.0800

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2248, -20.3513, 17.6519 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(44, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(44, 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(44, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 94, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2248, -20.3513, 17.6519 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(44, 94, 0) }
```


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

```
.border{ border-color:rgb(44, 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(44, 94, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 94, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(44, 94, 0); box-shadow:4px  
4px 4px 4px rgb(44, 94, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.2248, -20.3513, 17.6519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 94, 0) }
```

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

```
.background{ background-color: rgb(44, 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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