

Converting Colors

HunterLab(33.5790, -34.1400,
18.4381)

Have a look what the booklet for
HunterLab(33.5790, -34.1400,
18.4381) contains.

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Color

**HunterLab(34.7920,
-29.1139, 19.3617)**

Conversions

Conversions Part 1

Format	Color
Hex	007219
RGB	0, 114, 25
RGB Percent	0%, 45%, 10%
CMY	1.0000, 0.5529, 0.9019
CMYK	1.00, 0.00, 0.78, 0.55
HSL	133°, 100%, 22%
HSV	133°, 100%, 45%
XYZ	6.1928, 12.1048, 2.9298
YIQ	69.7680, -39.3750, -51.8470

Conversions

Conversions Part 2

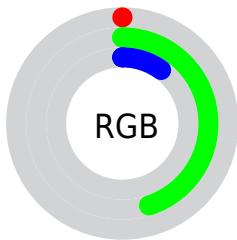
Format	Color
RYB	0, 93, 114
Decimal	29209
CIELab	41.38, -46.14, 39.00
CIELCh	41, 60.417, 139.792
Yxy	12.1053, 0.2917, 0.5702
Android (android.graphics.Color)	4278219289 (0xFF007219)
YUV	69.7680, -22.0706, -61.1865
Hunter-Lab	34.7920, -29.1139, 19.3617

Details

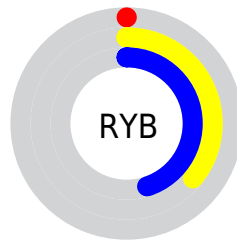
The HunterLab color **34.7920, -29.1139, 19.3617** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **20.7337, 38.9853, -13.5685**, and the grayscale version is **24.7523, -1.3207, 1.3448**.

A 20% lighter version of the original color is **54.4811, -36.1407, 25.6941**, and **19.1489, -16.4202, 11.5120** is the 20% darker color. If you saturate the color by 10%, you get **34.7927, -29.1145, 19.3620**, and if you desaturate by 10%, it is **34.9628, -28.2636, 18.4951**.

Distribution



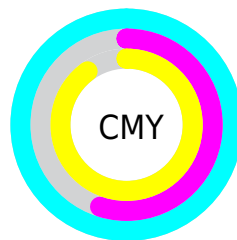
- Red (0%)
- Green (45%)
- Blue (10%)



- Red (0%)
- Yellow (36%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (78%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.7920, -29.1139, 19.3617 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 34.7920, -29.1139, 19.3617 by changing the saturation by 10% instead.

■ 34.7920, -29.1139,
19.3617

■ 34.7920, -29.1139,
19.3617

143.2136,
-56.8405, 44.1676

■ 26.1064, -25.1425,
15.8694

■ 54.4856, -36.2109,
25.6745

■ 18.2947, -20.7347,
12.8063

■ 65.3813, -39.4685,
28.5855

■ 11.4693, -18.9606,
8.0285

■ 76.9198, -42.5870,
31.3761

■ 3.9129, -6.8476,
2.7391

■ 89.0669, -45.5935,
34.0692

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.7937,
-48.5080, 36.6824

0.0000, NaN, NaN


■ 115.0749,


0.0000, NaN, NaN


-51.3463, 39.2296


0.0000, NaN, NaN


 128.8881,
-54.1206, 41.7217


 34.7920, -29.1139,
19.3617


 34.7920, -29.1139,
19.3617


 34.7927, -29.1145,
19.3620

 34.9628, -28.2636,
18.4951

 35.1965, -27.1133,
17.3950

 35.5302, -25.5178,
16.0837

 35.9714, -23.4597,
14.5699

 36.5254, -20.9383,
12.8673

■ 37.1947, -17.9671,
10.9940

■ 37.9804, -14.5708,
8.9707

■ 38.8818, -10.7826,
6.8201

■ 39.8966, -6.6412,
4.5653

Harmonies

Analogous

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



34.7927, -15.3275, 22.6257



34.7920, -29.1139, 19.3617



34.7927, -35.0161, 8.4253

Triad

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



34.7927, -29.1143, 19.3618



34.7927, -9.1970, -67.8190



34.7927, 48.9144, 13.1448

Complementary

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



34.7920, -29.1139, 19.3617



20.7337, 38.9853, -13.5685

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.



34.7927, 51.7682, -6.2159



34.7920, -29.1139, 19.3617



34.7927, 14.0339, -63.3324

Square

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



34.7927, -29.1143, 19.3618



34.7927, -25.6111, -46.4667



34.7927, 37.7233, -36.5184



34.7927, 30.7013, 20.9419

Rectangle

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



34.7920, -29.1139, 19.3617



34.7927, -35.0475, -5.8568



34.7927, 37.7233, -36.5184



34.7927, 51.8520, 8.1907

Sweetspot

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



34.7927, -29.1143, 19.3618



50.2609, -19.6829, 12.1057



37.6483, -17.6829, 22.8891



24.0034, -10.1827, 6.2432



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



34.7927, -29.1143, 19.3618



46.1033, -38.7076, 25.9334



35.5525, -24.4144, 8.2663



19.4270, -3.0123, 2.1035



36.7052, -30.7369, 20.4738



81.8563, -69.0200, 46.6812

Inverse Universe

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



20.7337, 38.9853, -13.5685



27.4501, 51.5573, -17.5190



19.1925, 33.4192, 8.1232



18.5514, 1.0636, -0.0494



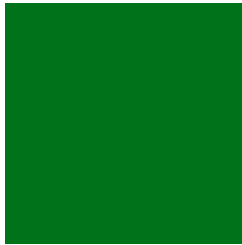
21.8695, 41.1118, -14.2377



48.6752, 91.2771, -29.9369

Previews

White Background



This preview shows how the HunterLab color 34.7920, -29.1139, 19.3617 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 × Fail

Black Background



This preview shows how the HunterLab color 34.7920, -29.1139, 19.3617 looks on a black 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

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

HunterLab 34.7920, -29.1139, 19.3617 Background



This preview shows how black text looks on a background with the HunterLab color 34.7920, -29.1139, 19.3617.



This preview shows how white text looks on a background with the HunterLab color 34.7920,

-29.1139, 19.3617.

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

34.7920, -29.1139, 19.3617

Protanopia

34.7915, -4.7905, 20.1455

Deuteranopia

34.7588, 1.9733, 18.8713



Tritanopia

34.8572, -12.7569, -6.3332

Trichromacy



Original Color

34.7920, -29.1139, 19.3617

Protanomaly

33.5569, -18.1864, 19.0181

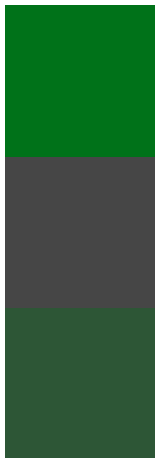
Deuteranomaly

33.2054, -14.8739, 17.8860

Tritanomaly

34.3839, -21.0959, 7.0529

Monochromacy



Original Color

34.7920, -29.1139, 19.3617

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

27.3492, -14.7328, 9.0286

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.7920, -29.1139, 19.3617 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(0, 114, 25)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 25)  
}
```

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(0, 114, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 34.7920, -29.1139, 19.3617 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(0, 114, 25) }
```


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

```
.border{ border-color:rgb(0, 114, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 114, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 25);  
box-shadow:4px 4px 4px 4px rgb(0, 114, 25)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 34.7920, -29.1139, 19.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 25) }
```

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

```
.background{ background-color: rgb(0, 114,  
25) }
```

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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