

Converting Colors

HunterLab(29.1598, -19.4409,
16.2180)

Have a look what the booklet for
HunterLab(29.1598, -19.4409,
16.2180) contains.

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Color

**HunterLab(29.0529,
-19.3125, 16.1163)**

Conversions

Conversions Part 1

Format	Color
Hex	2D5D15
RGB	45, 93, 21
RGB Percent	18%, 36%, 8%
CMY	0.8235, 0.6353, 0.9176
CMYK	0.52, 0.00, 0.77, 0.64
HSL	100°, 63%, 22%
HSV	100°, 77%, 36%
XYZ	5.1319, 8.4407, 2.0682
YIQ	70.4400, -5.4960, -32.5680

Conversions

Conversions Part 2

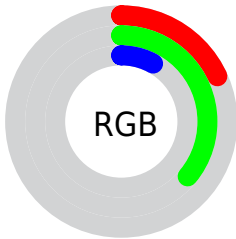
Format	Color
R_{YB}	21, 93, 69
Decimal	2972949
CIE _{Lab}	34.89, -30.35, 34.37
CIE _{LCh}	35, 45.851, 131.447
Yxy	8.4411, 0.3281, 0.5397
Android (android.graphics.Color)	4281163029 (0xFF2D5D15)
YUV	70.4400, -24.3739, -22.3109
Hunter-Lab	29.0529, -19.3125, 16.1163

Details

The HunterLab color $[29.0529, -19.3125, 16.1163]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[16.1002, 23.9180, -27.7984]$, and the grayscale version is $[24.9889, -1.3333, 1.3577]$.

A 20% lighter version of the original color is $[47.8153, -24.4272, 22.0545]$, and $[13.9785, -11.9866, 8.4037]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.7790, -20.5406, 16.6768]$, and if you desaturate by 10%, it is $[29.3826, -17.8361, 15.2735]$.

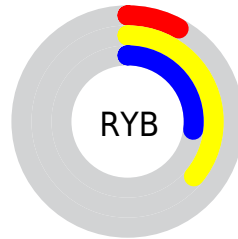
Distribution



Red (18%)

Green (36%)

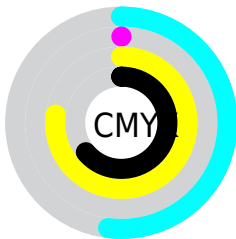
Blue (8%)



Red (8%)

Yellow (36%)

Blue (27%)

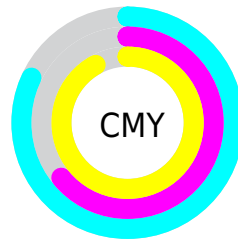


Cyan (52%)

Magenta (0%)

Yellow (77%)

Black (64%)



Cyan (82%)

Magenta (64%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.0529, -19.3125, 16.1163 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 29.0529, -19.3125, 16.1163 by changing the saturation by 10% instead.

■ 29.0529, -19.3125,
16.1163

■ 29.0529, -19.3125,
16.1163

■ 133.8476,
-39.5233, 39.0179

■ 20.9248, -16.4818,
12.9561

■ 47.7689, -24.3827,
21.9859

■ 13.7384, -13.3185,
9.6169

■ 58.2258, -26.7275,
24.6736

■ 7.3540, -12.8695,
5.1478

■ 69.3509, -28.9866,
27.2445

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.1061, -31.1795,
29.7228

0.0000, NaN, NaN

■ 93.4593, -33.3201,
32.1268

0.0000, NaN, NaN


■ 106.3830,


0.0000, NaN, NaN


-35.4192, 34.4704


0.0000, NaN, NaN


 119.8528,
-37.4847, 36.7645


 29.0529, -19.3125,
16.1163


 29.0529, -19.3125,
16.1163


 28.7790, -20.5406,
16.6768


 29.3826, -17.8361,
15.2735


 28.5500, -21.5645,
17.0716

 29.7678, -16.1088,
14.1325

 28.4961, -21.8086,
17.1774

 30.2103, -14.1352,
12.6863

 30.7105, -11.9239,
10.9342

 31.2681, -9.4865,
8.8812

■ 31.8826, -6.8373,
6.5368

■ 32.5531, -3.9922,
3.9139

■ 33.2781, -0.9680,
1.0278

■ 34.0563, 2.2181,
-2.1044

Harmonies

Analogous

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



29.0535, -7.4358, 18.1607



29.0529, -19.3125, 16.1163



29.0535, -25.4338, 9.4684

Triad

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



29.0535, -19.3130, 16.1164



29.0535, -10.7479, -42.3904



29.0535, 35.3778, 6.8332

Complementary

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



29.0529, -19.3125, 16.1163



16.1002, 23.9180, -27.7984

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.



29.0535, 33.9462, -9.4172



29.0529, -19.3125, 16.1163



29.0535, 4.8413, -44.5238

Square

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



29.0535, -19.3130, 16.1164



29.0535, -21.2819, -25.3936



29.0535, 21.8723, -30.2229



29.0535, 25.4399, 15.0893

Rectangle

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



29.0529, -19.3125, 16.1163



29.0535, -26.4465, 0.8290



29.0535, 21.8723, -30.2229



29.0535, 36.2592, 2.3143

Sweetspot

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



29.0535, -19.3130, 16.1164



41.1930, -11.1512, 10.5202



25.7642, 1.8725, 14.2756



20.5271, -6.0122, 5.6426



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.



29.0535, -19.3130, 16.1164



37.3971, -27.9741, 22.1723



28.4575, -21.5846, 14.1594



16.1821, -2.1943, 2.1423



33.8548, -26.1081, 20.4041



78.9426, -62.2759, 47.5538

Inverse Universe

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



16.1002, 23.9180, -27.7984



18.3302, 36.2155, -45.3925



18.5952, 27.6257, -12.8803



15.3218, 0.5593, -0.5112



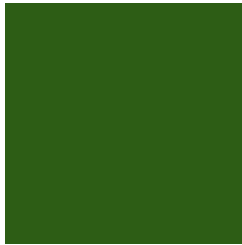
15.9334, 34.3040, -44.1038



36.6106, 79.4215, -105.9901

Previews

White Background



This preview shows how the HunterLab color 29.0529, -19.3125, 16.1163 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 29.0529, -19.3125, 16.1163 Background



This preview shows how black text looks on a background with the HunterLab color 29.0529, -19.3125, 16.1163.



This preview shows how white text looks on a background with the HunterLab color 29.0529,

-19.3125, 16.1163.

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

29.0529, -19.3125, 16.1163

Protanopia

28.9025, -4.0123, 16.5654

Deuteranopia

28.9092, 1.3581, 15.5843



Tritanopia

29.1452, -7.4225, -3.7134

Trichromacy



Original Color

29.0529, -19.3125, 16.1163

Protanomaly

28.6329, -10.5400, 16.1832

Deuteranomaly

28.2949, -7.4882, 15.3769

Tritanomaly

28.8217, -12.9458, 6.6094

Monochromacy



Original Color

29.0529, -19.3125, 16.1163

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

25.8627, -8.8962, 8.3329

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.0529, -19.3125, 16.1163 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(45, 93, 21)` looks like.

```
.text, #text, p{  
    color:rgb(45, 93, 21)  
}
```

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(45, 93, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 93, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 29.0529, -19.3125, 16.1163 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(45, 93, 21) }
```


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

```
.border{ border-color:rgb(45, 93, 21) }
```

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

Here you see how a box with a 4 pixel rgb(45, 93, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 93, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 93, 21);  
box-shadow:4px 4px 4px 4px rgb(45, 93, 21)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.0529, -19.3125, 16.1163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 93, 21) }
```

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

```
.background{ background-color: rgb(45, 93,  
21) }
```

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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