

Converting Colors

HunterLab(29.3980, -19.3707,
15.6846)

Have a look what the booklet for
HunterLab(29.3980, -19.3707,
15.6846) contains.

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Color

**HunterLab(29.3980,
-19.3707, 15.6846)**

Conversions

Conversions Part 1

Format	Color
Hex	2D5E1B
RGB	45, 94, 27
RGB Percent	18%, 37%, 11%
CMY	0.8235, 0.6314, 0.8941
CMYK	0.52, 0.00, 0.71, 0.63
HSL	104°, 55%, 24%
HSV	104°, 71%, 37%
XYZ	5.2827, 8.6424, 2.4266
YIQ	71.7110, -7.6970, -31.2250

Conversions

Conversions Part 2

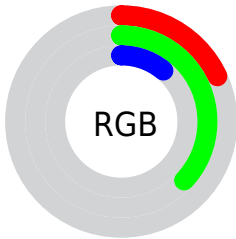
Format	Color
R_{YB}	27, 94, 76
Decimal	2973211
CIE _{Lab}	35.29, -30.25, 32.14
CIE _{LCh}	35, 44.138, 133.263
Yxy	8.6428, 0.3231, 0.5285
Android (android.graphics.Color)	4281163291 (0xFF2D5E1B)
YUV	71.7110, -22.0425, -23.4255
Hunter-Lab	29.3980, -19.3707, 15.6846

Details

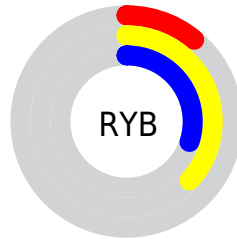
The HunterLab color $[29.3980, -19.3707, 15.6846]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[17.6884, 23.4705, -24.1869]$, and the grayscale version is $[25.4321, -1.3570, 1.3818]$.

A 20% lighter version of the original color is $[48.1996, -24.4094, 21.3038]$, and $[14.2584, -12.2266, 8.5719]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.0905, -20.7636, 16.4301]$, and if you desaturate by 10%, it is $[29.7697, -17.6964, 14.6455]$.

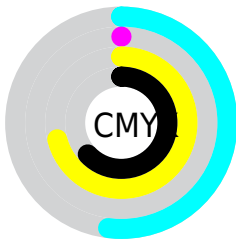
Distribution



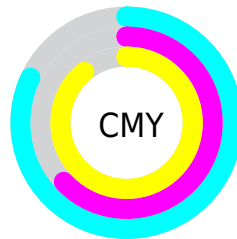
- Red (18%)
- Green (37%)
- Blue (11%)



- Red (11%)
- Yellow (37%)
- Blue (30%)



- Cyan (52%)
- Magenta (0%)
- Yellow (71%)
- Black (63%)



- Cyan (82%)
- Magenta (63%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.3980, -19.3707, 15.6846 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 29.3980, -19.3707, 15.6846 by changing the saturation by 10% instead.

■ 29.3980, -19.3707,
15.6846

■ 29.3980, -19.3707,
15.6846

134.4211,
-39.5031, 37.3339

■ 21.2342, -16.5592,
12.6275

■ 48.1760, -24.4139,
21.1973

■ 14.0076, -13.4212,
9.8053

■ 58.6606, -26.7485,
23.7292

■ 7.6507, -13.3887,
5.3555

■ 69.8117, -28.9989,
26.1562

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.5915, -31.1839,
28.5005

0.0000, NaN, NaN

■ 93.9682, -33.3176,
30.7791


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 106.9143,


-35.4102, 33.0045


0.0000, NaN, NaN


 120.4056,
-37.4699, 35.1868


 29.3980, -19.3707,
15.6846


 29.3980, -19.3707,
15.6846


 29.0905, -20.7636,
16.4301


 29.7697, -17.6964,
14.6455


 28.8426, -21.8796,
16.9055

 30.2054, -15.7417,
13.3032

 28.6630, -22.6966,
17.2646

 30.7064, -13.5156,
11.6563

 31.2727, -11.0311,
9.7096

 31.9039, -8.3044,
7.4731

■ 32.5989, -5.3544,
4.9606

■ 33.3561, -2.2009,
2.1890

■ 34.1738, 1.1353,
-0.8233

■ 35.0498, 4.6339,
-4.0568

Harmonies

Analogous

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



29.3986, -8.1150, 17.9993



29.3980, -19.3707, 15.6846



29.3986, -25.0584, 8.6645

Triad

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



29.3986, -19.3712, 15.6848



29.3986, -9.6886, -40.6972



29.3986, 33.5253, 7.4021

Complementary

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



29.3980, -19.3707, 15.6846



17.6884, 23.4705, -24.1869

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.



29.3986, 32.8583, -7.8170



29.3980, -19.3707, 15.6846



29.3986, 5.6024, -41.6766

Square

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



29.3986, -19.3712, 15.6848



29.3986, -20.3161, -25.2997



29.3986, 21.8342, -27.5295



29.3986, 23.5021, 15.1743

Rectangle

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



29.3980, -19.3707, 15.6846



29.3986, -25.8466, -0.0636



29.3986, 21.8342, -27.5295



29.3986, 34.5973, 3.1722

Sweetspot

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



29.3986, -19.3712, 15.6848



42.1831, -11.1301, 10.0068



27.3745, -0.0990, 14.6202



20.5760, -5.7620, 5.1597



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.



29.3986, -19.3712, 15.6848



38.2436, -28.5997, 22.2340



28.9871, -20.7738, 13.1095



16.1624, -2.2644, 2.1194



33.6814, -26.8377, 20.2845



78.5719, -63.8423, 47.2980

Inverse Universe

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



17.6884, 23.4705, -24.1869



20.5095, 36.9459, -40.3192



19.3270, 25.6310, -10.6196



15.3435, 0.6328, -0.4824



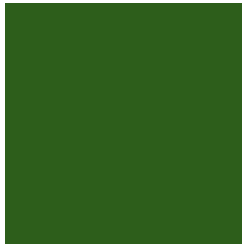
16.8290, 35.4643, -40.6300



38.8049, 82.2335, -97.2411

Previews

White Background



This preview shows how the HunterLab color 29.3980, -19.3707, 15.6846 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

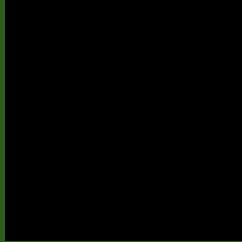
Any Text WCAG AA × Fail

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 29.3980, -19.3707, 15.6846 Background



This preview shows how black text looks on a background with the HunterLab color 29.3980, -19.3707, 15.6846.



This preview shows how white text looks on a background with the HunterLab color 29.3980,

-19.3707, 15.6846.

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

29.3980, -19.3707, 15.6846

Protanopia

29.2910, -3.8945, 16.2316

Deuteranopia

29.3007, 1.5048, 15.1698



Tritanopia

29.4542, -7.6528, -3.7776

Trichromacy



Original Color

29.3980, -19.3707, 15.6846

Protanomaly

29.0225, -10.4173, 15.8223

Deuteranomaly

28.6939, -7.3073, 14.8746

Tritanomaly

29.1743, -12.9384, 5.9749

Monochromacy



Original Color

29.3980, -19.3707, 15.6846

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.5461, -9.0085, 7.8436

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.3980, -19.3707, 15.6846 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, 94, 27)` looks like.

```
.text, #text, p{  
    color:rgb(45, 94, 27)  
}
```

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, 94, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 94, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 29.3980, -19.3707, 15.6846 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, 94, 27) }
```


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

```
.border{ border-color:rgb(45, 94, 27) }
```

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

Here you see how a box with a 4 pixel rgb(45, 94, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 94, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 94, 27);  
box-shadow:4px 4px 4px 4px rgb(45, 94, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.3980, -19.3707, 15.6846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 94, 27) }
```

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

```
.background{ background-color: rgb(45, 94,  
27) }
```

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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