

Converting Colors

HunterLab(29.5337, -19.7751,
14.1886)

Have a look what the booklet for
HunterLab(29.5337, -19.7751,
14.1886) contains.

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Color

**HunterLab(29.6234,
-19.8019, 14.2370)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 285F26 |
| RGB | 40, 95, 38 |
| RGB Percent | 16%, 37%, 15% |
| CMY | 0.8431, 0.6274, 0.8510 |
| CMYK | 0.58, 0.00, 0.60, 0.63 |
| HSL | 118°, 43%, 26% |
| HSV | 118°, 60%, 37% |
| XYZ | 5.3171, 8.7755, 3.2473 |
| YIQ | 72.0570, -14.4830, -29.3870 |

Conversions

Conversions Part 2

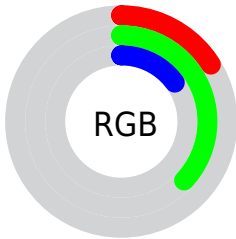
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 38, 95, 93 |
| Decimal | 2645798 |
| CIE _{Lab} | 35.55, -30.96, 26.85 |
| CIE _{LCh} | 36, 40.987, 139.067 |
| Yxy | 8.7758, 0.3066, 0.5061 |
| Android (android.graphics.Color) | 4280835878 (0xFF285F26) |
| YUV | 72.0570, -16.7901, -28.1140 |
| Hunter-Lab | 29.6234, -19.8019, 14.2370 |

Details

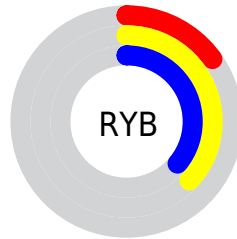
The HunterLab color $[29.6234, -19.8019, 14.2370]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[21.3071, 23.6451, -16.5841]$, and the grayscale version is $[25.5386, -1.3627, 1.3876]$.

A 20% lighter version of the original color is $[48.4126, -24.8702, 18.8709]$, and $[14.5393, -12.4674, 8.7408]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.2570, -21.4991, 15.3610]$, and if you desaturate by 10%, it is $[30.0852, -17.7008, 12.8233]$.

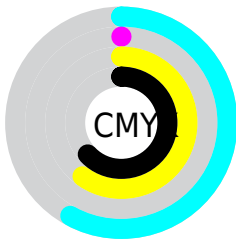
Distribution



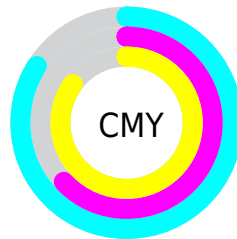
- Red (16%)
- Green (37%)
- Blue (15%)



- Red (15%)
- Yellow (37%)
- Blue (36%)



- Cyan (58%)
- Magenta (0%)
- Yellow (60%)
- Black (63%)



- Cyan (84%)
- Magenta (63%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6234, -19.8019, 14.2370 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 29.6234, -19.8019, 14.2370 by changing the saturation by 10% instead.

■ 29.6234, -19.8019,
14.2370

■ 29.6234, -19.8019,
14.2370

134.7949,
-40.2814, 33.0174

■ 21.4365, -16.9358,
11.6247

■ 48.4416, -24.9402,
18.9362

■ 14.1838, -13.7369,
9.9287

■ 58.9442, -27.3171,
21.1124

■ 7.8378, -13.7162,
5.4865

■ 70.1122, -29.6071,
23.2102

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.9081, -31.8295,
25.2477

0.0000, NaN, NaN

■ 94.3000, -33.9987,
27.2382

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.2606,

-36.1251, 29.1917

0.0000, NaN, NaN

120.7660,
-38.2172, 31.1161

29.6234, -19.8019,
14.2370

29.6234, -19.8019,
14.2370

29.2570, -21.4991,
15.3610

30.0852, -17.7008,
12.8233

28.9803, -22.7921,
16.1979

30.6427, -15.2055,
11.1255

28.7878, -23.6970,
16.7621

31.2972, -12.3375,
9.1571

28.6466, -24.3715,
17.2252

32.0478, -9.1254,
6.9375

28.6466, -24.3716,
17.2252

32.8927, -5.6025,
4.4893

■ 33.8291, -1.8046,
1.8377

■ 34.8536, 2.2321,
-0.9919

■ 35.9623, 6.4728,
-3.9747

■ 37.1510, 10.8848,
-7.0874

Harmonies

Analogous

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



29.6240, -10.1316, 17.3032



29.6234, -19.8019, 14.2370



29.6240, -24.2434, 6.2045

Triad

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



29.6240, -19.8024, 14.2372



29.6240, -6.6749, -37.9032



29.6240, 29.5546, 9.0190

Complementary

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



29.6234, -19.8019, 14.2370



21.3071, 23.6451, -16.5841

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.



29.6240, 30.9709, -3.8572



29.6234, -19.8019, 14.2370



29.6240, 8.0622, -35.8768

Square

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



29.6240, -19.8024, 14.2372



29.6240, -17.6913, -26.1486



29.6240, 22.4944, -21.4872



29.6240, 18.9314, 15.4458

Rectangle

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



29.6234, -19.8019, 14.2370



29.6240, -24.3487, -2.8674



29.6240, 22.4944, -21.4872



29.6240, 31.1905, 5.4864

Sweetspot

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



29.6240, -19.8024, 14.2372



42.0946, -11.2910, 8.6274



32.0212, -6.3706, 16.2242



20.5026, -5.9626, 4.5251



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.



29.6240, -19.8024, 14.2372



38.1243, -28.8986, 20.6004



29.9384, -17.7676, 8.6335



16.9124, -2.6646, 2.1569



34.1437, -29.0871, 20.5300



78.8657, -67.4506, 47.4158

Inverse Universe

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



21.3071, 23.6451, -16.5841



25.5317, 37.5929, -26.6691



20.6237, 20.1475, -3.2901



16.2001, 0.9706, -0.4138



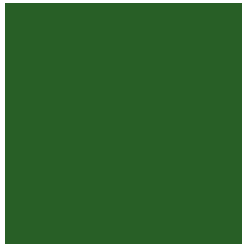
20.9265, 41.4487, -29.9766



48.2823, 95.6777, -69.5199

Previews

White Background



This preview shows how the HunterLab color 29.6234, -19.8019, 14.2370 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

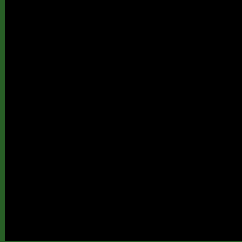
Any Text WCAG AA × Fail

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 29.6234, -19.8019, 14.2370 Background



This preview shows how black text looks on a background with the HunterLab color 29.6234, -19.8019, 14.2370.



This preview shows how white text looks on a background with the HunterLab color 29.6234,

-19.8019, 14.2370.

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

29.6234, -19.8019, 14.2370

Protanopia

29.3854, -3.3705, 14.8398

Deuteranopia

29.3107, 1.7588, 13.4688



Tritanopia

29.5739, -8.5875, -4.1129

Trichromacy



Original Color

29.6234, -19.8019, 14.2370

Protanomaly

28.9821, -10.3732, 14.2625

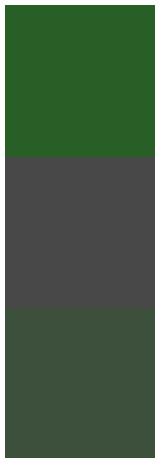
Deuteranomaly

28.8433, -7.9403, 13.3218

Tritanomaly

29.3574, -13.4954, 4.4100

Monochromacy



Original Color

29.6234, -19.8019, 14.2370

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.5033, -9.0165, 6.6099

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6234, -19.8019, 14.2370 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(40, 95, 38)` looks like.

```
.text, #text, p{  
    color:rgb(40, 95, 38)  
}
```

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(40, 95, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 95, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 29.6234, -19.8019, 14.2370 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(40, 95, 38) }
```


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

```
.border{ border-color:rgb(40, 95, 38) }
```

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

Here you see how a box with a 4 pixel rgb(40, 95, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 95, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 95, 38);  
box-shadow:4px 4px 4px 4px rgb(40, 95, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.6234, -19.8019, 14.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 95, 38) }
```

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

```
.background{ background-color: rgb(40, 95,  
38) }
```

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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