

Converting Colors

HunterLab(29.5560, -19.0172,
20.6892)

Have a look what the booklet for
HunterLab(29.5560, -19.0172,
20.6892) contains.

HunterLab(29.7914, -18.0421, 18.0415)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**HunterLab(29.7914,
-18.0421, 18.0415)**

Conversions

Conversions Part 1

Format	Color
Hex	395E00
RGB	57, 94, 0
RGB Percent	22%, 37%, 0%
CMY	0.7765, 0.6314, 1.0000
CMYK	0.39, 0.00, 1.00, 0.63
HSL	84°, 100%, 18%
HSV	84°, 100%, 37%
XYZ	5.6900, 8.8753, 1.4132
YIQ	72.2210, 8.1220, -37.0780

Conversions

Conversions Part 2

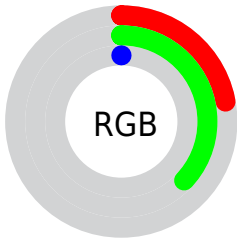
Format	Color
RYB	0, 94, 37
Decimal	3759616
CIELab	35.74, -27.43, 42.21
CIELCh	36, 50.342, 123.022
Yxy	8.8757, 0.3561, 0.5554
Android (android.graphics.Color)	4281949696 (0xFF395E00)
YUV	72.2210, -35.6050, -13.3488
Hunter-Lab	29.7914, -18.0421, 18.0415

Details

The HunterLab color $[29.7914, -18.0421, 18.0415]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[10.9622, 26.1435, -50.0653]$, and the grayscale version is $[25.6561, -1.3689, 1.3939]$.

A 20% lighter version of the original color is $[48.7078, -22.8522, 25.0592]$, and $[14.3036, -12.0335, 8.6032]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.7920, -18.0432, 18.0418]$, and if you desaturate by 10%, it is $[30.0150, -17.0792, 17.6627]$.

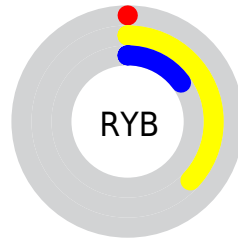
Distribution



Red (22%)

Green (37%)

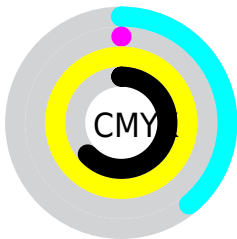
Blue (0%)



Red (0%)

Yellow (37%)

Blue (15%)

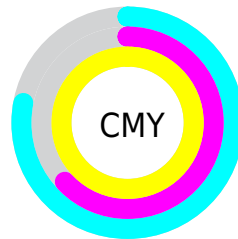


Cyan (39%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (78%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7914, -18.0421, 18.0415 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 29.7914, -18.0421, 18.0415 by changing the saturation by 10% instead.

■ 29.7914, -18.0421,
18.0415

■ 29.7914, -18.0421,
18.0415

■ 135.0732,
-36.7193, 45.1804

■ 21.5874, -15.4813,
14.6934

■ 48.6395, -22.6696,
25.0710

■ 14.3153, -12.6402,
10.0207

■ 59.1555, -24.8248,
28.2817

■ 7.9742, -13.9548,
5.5819

■ 70.3361, -26.9094,
31.3416

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.1438, -28.9397,
34.2792

0.0000, NaN, NaN

■ 94.5471, -30.9278,
37.1163


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 107.5185,


-32.8827, 39.8703


0.0000, NaN, NaN


 121.0342,
-34.8114, 42.5546


 29.7914, -18.0421,
18.0415


 29.7914, -18.0421,
18.0415


 29.7920, -18.0432,
18.0418

 30.0150, -17.0792,
17.6627

 30.2583, -16.0271,
17.1743

 30.5339, -14.8165,
16.3972

 30.8436, -13.4418,
15.3094

 31.1885, -11.9008,
13.8964

■ 31.5694, -10.1939,
12.1498

■ 31.9866, -8.3237,
10.0661

■ 32.4404, -6.2947,
7.6459

■ 32.9307, -4.1126,
4.8936

Harmonies

Analogous

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



29.7921, -3.3740, 19.2745



29.7914, -18.0421, 18.0415



29.7921, -26.3688, 12.9335

Triad

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



29.7921, -18.0428, 18.0416



29.7921, -15.5825, -44.4308



29.7921, 40.8701, 3.2873

Complementary

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



29.7914, -18.0421, 18.0415



10.9622, 26.1435, -50.0653

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.



29.7921, 35.4572, -17.2524



29.7914, -18.0421, 18.0415



29.7921, 0.2344, -52.6541

Square

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



29.7921, -18.0428, 18.0416



29.7921, -25.2002, -22.1366



29.7921, 19.4488, -40.6307



29.7921, 32.8800, 14.4677

Rectangle

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



29.7914, -18.0421, 18.0415



29.7921, -28.5210, 5.3124



29.7921, 19.4488, -40.6307



29.7921, 40.5612, -2.6114

Sweetspot

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



29.7921, -18.0428, 18.0416



42.2717, -11.2547, 13.5966



19.0887, 15.6724, 12.0364



20.6170, -5.8473, 7.0397



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.



29.7921, -18.0428, 18.0416



39.3472, -24.1746, 23.8223



28.4196, -23.7282, 17.0964



16.2665, -1.8944, 2.2400



35.0024, -21.3856, 21.1939



81.5881, -51.3423, 49.3754

Inverse Universe

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



10.9622, 26.1435, -50.0653



14.3105, 34.3953, -67.4036



16.2754, 32.8365, -27.9754



15.2315, 0.2524, -0.6312



12.7880, 30.6435, -59.5168



29.1013, 70.8772, -144.2964

Previews

White Background



This preview shows how the HunterLab color 29.7914, -18.0421, 18.0415 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

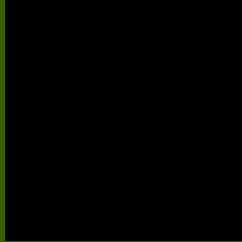
Any Text WCAG AA × Fail

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 29.7914, -18.0421, 18.0415 Background



This preview shows how black text looks on a background with the HunterLab color 29.7914, -18.0421, 18.0415.



This preview shows how white text looks on a background with the HunterLab color 29.7914,

-18.0421, 18.0415.

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

29.7914, -18.0421, 18.0415

Deuteranopia

29.7464, 1.5305, 17.1284

Tritanopia

29.6948, -5.4198, -2.9409

Trichromacy



Original Color

29.7914, -18.0421, 18.0415

Deuteranomaly

29.3228, -6.6371, 17.2491

Tritanomaly

29.4879, -12.1258, 9.3625

Monochromacy



Original Color

29.7914, -18.0421, 18.0415

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.6981, -8.7690, 10.5576

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7914, -18.0421, 18.0415 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(57, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(57, 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(57, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 94, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7914, -18.0421, 18.0415 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(57, 94, 0) }
```

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

```
.border{ border-color:rgb(57, 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(57, 94, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 94, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(57, 94, 0); box-shadow:4px  
4px 4px 4px rgb(57, 94, 0) }
```


Background

The CSS property to change the background color of an element to HunterLab 29.7914, -18.0421, 18.0415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 94, 0) }
```

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

```
.background{ background-color: rgb(57, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor