

Converting Colors

HunterLab(29.6520, -18.0031,
16.8496)

Have a look what the booklet for
HunterLab(29.6520, -18.0031,
16.8496) contains.

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Color

**HunterLab(29.7210,
-18.1794, 16.8540)**

Conversions

Conversions Part 1

Format	Color
Hex	365E12
RGB	54, 94, 18
RGB Percent	21%, 37%, 7%
CMY	0.7882, 0.6314, 0.9294
CMYK	0.43, 0.00, 0.81, 0.63
HSL	92°, 68%, 22%
HSV	92°, 81%, 37%
XYZ	5.6332, 8.8334, 1.9804
YIQ	73.3760, 0.5560, -32.1160

Conversions

Conversions Part 2

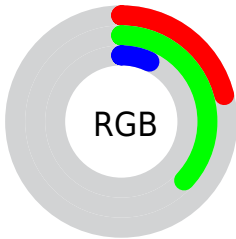
Format	Color
R_{YB}	18, 94, 58
Decimal	3563026
CIE _{Lab}	35.66, -27.74, 36.47
CIE _{LCh}	36, 45.822, 127.250
Yxy	8.8338, 0.3425, 0.5371
Android (android.graphics.Color)	4281753106 (0xFF365E12)
YUV	73.3760, -27.3004, -16.9928
Hunter-Lab	29.7210, -18.1794, 16.8540

Details

The HunterLab color $[29.7210, -18.1794, 16.8540]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[14.6310, 22.9783, -33.4975]$, and the grayscale version is $[26.0406, -1.3895, 1.4148]$.

A 20% lighter version of the original color is $[48.6408, -22.8669, 23.0992]$, and $[14.2810, -12.1299, 8.5876]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.4600, -19.3258, 17.3176]$, and if you desaturate by 10%, it is $[30.0251, -16.8381, 16.1102]$.

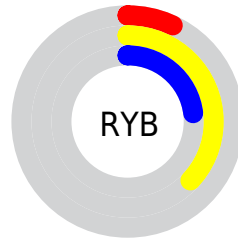
Distribution



Red (21%)

Green (37%)

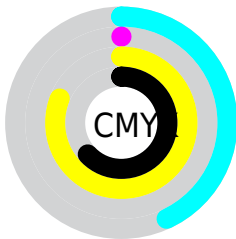
Blue (7%)



Red (7%)

Yellow (37%)

Blue (23%)

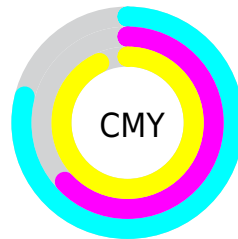


Cyan (43%)

Magenta (0%)

Yellow (81%)

Black (63%)



Cyan (79%)

Magenta (63%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7210, -18.1794, 16.8540 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 29.7210, -18.1794, 16.8540 by changing the saturation by 10% instead.

■ 29.7210, -18.1794,
16.8540

■ 29.7210, -18.1794,
16.8540

134.9566,
-37.0132, 40.8389

■ 21.5242, -15.5912,
13.5703

■ 48.5566, -22.8519,
23.0152

■ 14.2602, -12.7176,
9.9821

■ 59.0670, -25.0264,
25.8357

■ 7.9174, -13.8554,
5.5421

■ 70.2423, -27.1288,
28.5314

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.0451, -29.1758,
31.1276

0.0000, NaN, NaN

■ 94.4436, -31.1795,
33.6432

0.0000, NaN, NaN

■ 107.4105,

0.0000, NaN, NaN

-33.1492, 36.0930

0.0000, NaN, NaN

■ 120.9219,
-35.0919, 38.4885

■ 29.7210, -18.1794,
16.8540

■ 29.7210, -18.1794,
16.8540

■ 29.4600, -19.3258,
17.3176

■ 30.0251, -16.8381,
16.1102

■ 29.2454, -20.2698,
17.6660

■ 30.3721, -15.2947,
15.0620

■ 30.7639, -13.5503,
13.6970

■ 31.2011, -11.6083,
12.0091

■ 31.6838, -9.4749,
9.9977

■ 32.2120, -7.1584,
7.6668

■ 32.7852, -4.6688,
5.0242

■ 33.4028, -2.0170,
2.0807

■ 34.0639, 0.7853,
-1.1509

Harmonies

Analogous

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



29.7216, -5.4149, 18.5521



29.7210, -18.1794, 16.8540



29.7216, -25.1912, 10.9419

Triad

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



29.7216, -18.1800, 16.8542



29.7216, -12.6925, -40.6938



29.7216, 36.0242, 5.1176

Complementary

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



29.7210, -18.1794, 16.8540



14.6310, 22.9783, -33.4975

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.



29.7216, 32.9113, -12.2622



29.7210, -18.1794, 16.8540



29.7216, 2.4440, -45.2974

Square

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



29.7216, -18.1800, 16.8542



29.7216, -22.5287, -22.4665



29.7216, 19.6987, -32.9223



29.7216, 27.4708, 14.5398

Rectangle

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



29.7210, -18.1794, 16.8540



29.7216, -26.7272, 3.0036



29.7216, 19.6987, -32.9223



29.7216, 36.3335, 0.1619

Sweetspot

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



29.7216, -18.1800, 16.8542



42.3440, -10.6950, 11.3968



23.1872, 7.1668, 12.9496



20.6469, -5.5905, 5.9360



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.



29.7216, -18.1800, 16.8542



38.7083, -26.7591, 23.2219



28.6049, -22.7745, 15.9252



16.2252, -2.0409, 2.1923



34.3581, -24.0141, 20.7509



80.0758, -57.5407, 48.3350

Inverse Universe

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



14.6310, 22.9783, -33.4975



16.3058, 35.3459, -56.7568



18.9689, 30.7633, -19.9503



15.2751, 0.4008, -0.5732



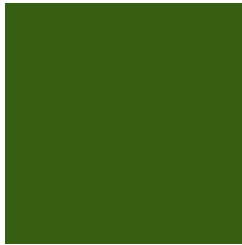
14.1746, 32.1629, -51.9899



32.3575, 74.3362, -125.7794

Previews

White Background



This preview shows how the HunterLab color 29.7210, -18.1794, 16.8540 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

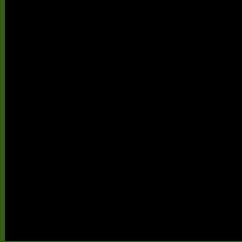
Any Text WCAG AA × Fail

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 29.7210, -18.1794, 16.8540 Background



This preview shows how black text looks on a background with the HunterLab color 29.7210, -18.1794, 16.8540.



This preview shows how white text looks on a background with the HunterLab color 29.7210, -18.1794, 16.8540.

-18.1794, 16.8540.

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

29.7210, -18.1794, 16.8540

Protanopia

29.5885, -4.2864, 17.2517

Deuteranopia

29.4371, 1.8291, 16.3186



Tritanopia

29.8822, -6.0878, -3.1743

Trichromacy



Original Color

29.7210, -18.1794, 16.8540

Protanomaly

29.4603, -10.3078, 16.9863

Deuteranomaly

28.9431, -6.5365, 16.1652

Tritanomaly

29.5122, -11.7649, 7.3111

Monochromacy



Original Color

29.7210, -18.1794, 16.8540

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

27.0188, -8.7550, 9.1045

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7210, -18.1794, 16.8540 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(54, 94, 18)` looks like.

```
.text, #text, p{  
    color:rgb(54, 94, 18)  
}
```

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(54, 94, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 94, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7210, -18.1794, 16.8540 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(54, 94, 18) }
```


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

```
.border{ border-color:rgb(54, 94, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 94, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 94, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 94, 18);  
box-shadow:4px 4px 4px 4px rgb(54, 94, 18)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.7210, -18.1794, 16.8540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 94, 18) }
```

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

```
.background{ background-color: rgb(54, 94,  
18) }
```

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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