

Converting Colors

HunterLab(29.4964, -11.5166,
19.9476)

Have a look what the booklet for
HunterLab(29.4964, -11.5166,
19.9476) contains.

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Color

**HunterLab(29.7493,
-10.7766, 18.1427)**

Conversions

Conversions Part 1

Format	Color
Hex	505900
RGB	80, 89, 0
RGB Percent	31%, 35%, 0%
CMY	0.6863, 0.6510, 1.0000
CMYK	0.10, 0.00, 1.00, 0.65
HSL	66°, 100%, 17%
HSV	66°, 100%, 35%
XYZ	6.8806, 8.8502, 1.3456
YIQ	76.1630, 23.2050, -29.5870

Conversions

Conversions Part 2

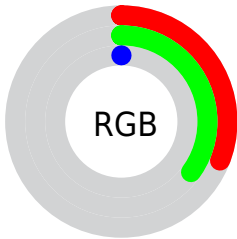
Format	Color
R_{YB}	0, 89, 9
Decimal	5265664
CIE _{Lab}	35.70, -14.44, 42.89
CIE _{LCh}	36, 45.252, 108.604
Yxy	8.8506, 0.4029, 0.5183
Android (android.graphics.Color)	4283455744 (0xFF505900)
YUV	76.1630, -37.5484, 3.3650
Hunter-Lab	29.7493, -10.7766, 18.1427

Details

The HunterLab color $29.7493, -10.7766, 18.1427$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $8.8291, 23.2868, -57.6231$, and the grayscale version is $27.0669, -1.4442, 1.4706$.

A 20% lighter version of the original color is $48.6278, -13.7470, 25.3166$, and $14.4661, -7.2293, 8.7874$ is the 20% darker color. If you saturate the color by 10%, you get $29.7499, -10.7778, 18.1431$, and if you desaturate by 10%, it is $29.8489, -10.3382, 17.7039$.

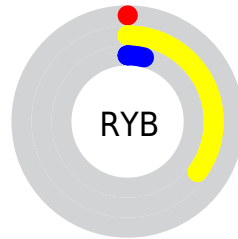
Distribution



Red (31%)

Green (35%)

Blue (0%)



Red (0%)

Yellow (35%)

Blue (4%)

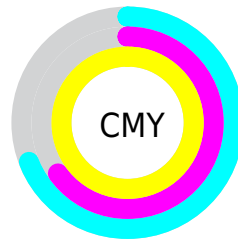


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (69%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7493, -10.7766, 18.1427 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 29.7493, -10.7766, 18.1427 by changing the saturation by 10% instead.

■ 29.7493, -10.7766,
18.1427

■ 29.7493, -10.7766,
18.1427

■ 135.0035,
-23.0719, 45.6621

■ 21.5496, -9.2728,
14.8127

■ 48.5900, -13.6173,
25.2767

■ 14.2824, -7.6614,
9.9977

■ 59.1026, -14.9908,
28.5345

■ 7.9403, -8.3467,
5.5582

■ 70.2800, -16.3481,
31.6385

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.0848, -17.6959,
34.6174

0.0000, NaN, NaN

■ 94.4853, -19.0390,
37.4933

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 107.4540,


-20.3810, 40.2840


0.0000, NaN, NaN


 120.9671,
-21.7246, 43.0032


 29.7493, -10.7766,
18.1427


 29.7493, -10.7766,
18.1427

 29.7499, -10.7778,
18.1431

 29.8489, -10.3382,
17.7039

 29.9551, -9.8600,
17.1694

 30.0804, -9.2750,
16.3643

 30.2268, -8.5739,
15.2633

 30.3955, -7.7504,
13.8480

■ 30.5877, -6.7998,
12.1050

■ 30.8044, -5.7190,
10.0246

■ 31.0463, -4.5065,
7.6010

■ 31.3139, -3.1618,
4.8312

Harmonies

Analogous

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



29.7500, 4.7341, 18.3910



29.7493, -10.7766, 18.1427



29.7500, -21.3213, 15.1955

Triad

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



29.7500, -10.7775, 18.1429



29.7500, -19.3149, -29.7436



29.7500, 34.9554, -4.7598

Complementary

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



29.7493, -10.7766, 18.1427



8.8291, 23.2868, -57.6231

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.



29.7500, 25.1720, -24.9451



29.7493, -10.7766, 18.1427



29.7500, -7.4244, -43.6964

Square

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



29.7500, -10.7775, 18.1429



29.7500, -25.4836, -9.3063



29.7500, 8.8708, -41.5847



29.7500, 33.5246, 9.5218

Rectangle

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



29.7493, -10.7766, 18.1427



29.7500, -25.1481, 10.4365



29.7500, 8.8708, -41.5847



29.7500, 32.7980, -11.1509

Sweetspot

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



29.7500, -10.7775, 18.1429



40.2311, -7.6160, 13.3791



15.2226, 22.8058, 9.7789



20.2106, -4.0307, 7.1181



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.7500, -10.7775, 18.1429



38.8542, -14.1884, 23.6934



27.4101, -20.0538, 16.5386



15.5293, -1.4785, 2.2098



36.1075, -13.1590, 22.0189



85.4501, -31.6797, 52.0994

Inverse Universe

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



8.8291, 23.2868, -57.6231



11.4343, 30.3563, -76.1359



12.2035, 26.8074, -37.9315



14.3849, -0.0770, -0.6969



10.6474, 28.2234, -70.5563



24.8314, 66.5863, -170.4776

Previews

White Background



This preview shows how the HunterLab color 29.7493, -10.7766, 18.1427 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

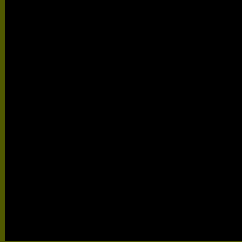
Any Text WCAG AA × Fail

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 29.7493, -10.7766, 18.1427 Background



This preview shows how black text looks on a background with the HunterLab color 29.7493, -10.7766, 18.1427.



This preview shows how white text looks on a background with the HunterLab color 29.7493,

-10.7766, 18.1427.

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

29.7493, -10.7766, 18.1427

Protanopia

29.6202, -4.2900, 18.1767

Deuteranopia

29.7254, 1.4173, 17.4400



Tritanopia

29.8898, 0.4065, -0.3225

Trichromacy



Original Color

29.7493, -10.7766, 18.1427

Protanomaly

29.7140, -6.6793, 18.1927

Deuteranomaly

29.5801, -3.0199, 17.5987

Tritanomaly

29.4571, -5.2350, 10.2685

Monochromacy



Original Color

29.7493, -10.7766, 18.1427

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.7057, -6.3721, 10.9765

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7493, -10.7766, 18.1427 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(80, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(80, 89, 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(80, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 89, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7493, -10.7766, 18.1427 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(80, 89, 0) }
```


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

```
.border{ border-color:rgb(80, 89, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 89, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 89, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(80, 89, 0); box-shadow:4px  
4px 4px 4px rgb(80, 89, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.7493, -10.7766, 18.1427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 89, 0) }
```

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

```
.background{ background-color: rgb(80, 89,  
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](#).

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