

Converting Colors

HunterLab(29.8485, -6.8250,
20.8939)

Have a look what the booklet for
HunterLab(29.8485, -6.8250,
20.8939) contains.

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Color

**HunterLab(29.9712, -5.7450,
18.3675)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5600
RGB	93, 86, 0
RGB Percent	36%, 34%, 0%
CMY	0.6353, 0.6627, 1.0000
CMYK	0.00, 0.08, 1.00, 0.64
HSL	55°, 100%, 18%
HSV	55°, 100%, 36%
XYZ	7.8420, 8.9827, 1.3205
YIQ	78.2890, 31.7780, -25.2620

Conversions

Conversions Part 2

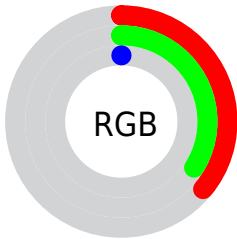
Format	Color
R_{YB}	8, 93, 0
Decimal	6116864
CIE Lab	35.95, -6.26, 43.62
CIE LCh	36, 44.066, 98.165
Yxy	8.9832, 0.4322, 0.4950
Android (android.graphics.Color)	4284306944 (0xFF5D5600)
YUV	78.2890, -38.5965, 12.9015
Hunter-Lab	29.9712, -5.7450, 18.3675

Details

The HunterLab color **29.9712, -5.7450, 18.3675** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **9.7073, 20.7414, -56.9062**, and the grayscale version is **27.8329, -1.4851, 1.5122**.

A 20% lighter version of the original color is **48.6978, -7.4854, 25.4757**, and **14.4895, -3.3151, 8.8703** is the 20% darker color. If you saturate the color by 10%, you get **29.9718, -5.7461, 18.3679**, and if you desaturate by 10%, it is **30.1924, -5.8400, 17.9775**.

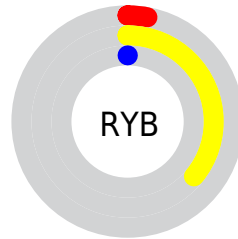
Distribution



Red (36%)

Green (34%)

Blue (0%)



Red (3%)

Yellow (36%)

Blue (0%)

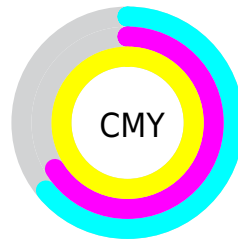


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9712, -5.7450, 18.3675 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 29.9712, -5.7450, 18.3675 by changing the saturation by 10% instead.

■ 29.9712, -5.7450,
18.3675

■ 29.9712, -5.7450,
18.3675

■ 135.3707,
-14.2057, 46.2610

■ 21.7490, -4.8617,
15.0098

■ 48.8513, -7.5260,
25.5994

■ 14.4563, -3.9660,
10.1194

■ 59.3815, -8.4320,
28.9028

■ 8.1173, -3.7931,
5.6821

■ 70.5755, -9.3524,
32.0501

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.3959, -10.2886,
35.0700

0.0000, NaN, NaN

■ 94.8113, -11.2416,
37.9851


0.0000, NaN, NaN


■ 107.7942,


0.0000, NaN, NaN


-12.2119, 40.8130


0.0000, NaN, NaN


 121.3211,
-13.1999, 43.5679


 29.9712, -5.7450,
18.3675


 29.9712, -5.7450,
18.3675


 29.9718, -5.7461,
18.3679

 30.1924, -5.8400,
17.9775

 30.4212, -5.8902,
17.4758

 30.6703, -5.8290,
16.6847

 30.9415, -5.6470,
15.5810

 31.2360, -5.3375,
14.1483

■ 31.5547, -4.8958,
12.3754

■ 31.8986, -4.3188,
10.2553

■ 32.2680, -3.6047,
7.7849

■ 32.6634, -2.7531,
4.9641

Harmonies

Analogous

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



29.9719, 10.4017, 17.8768



29.9712, -5.7450, 18.3675



29.9719, -17.9864, 16.5189

Triad

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



29.9719, -5.7462, 18.3677



29.9719, -21.7398, -21.9221



29.9719, 31.6649, -11.0518

Complementary

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



29.9712, -5.7450, 18.3675



9.7073, 20.7414, -56.9062

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.



29.9719, 19.2959, -30.6249



29.9712, -5.7450, 18.3675



29.9719, -11.9689, -38.8242

Square

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



29.9719, -5.7462, 18.3677



29.9719, -25.9035, -2.7141



29.9719, 2.7828, -42.6354



29.9719, 34.2782, 5.4103

Rectangle

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



29.9712, -5.7450, 18.3675



29.9719, -23.0782, 13.1237



29.9719, 2.7828, -42.6354



29.9719, 28.4040, -17.6784

Sweetspot

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



29.9719, -5.7462, 18.3677



41.6859, -5.7259, 13.6875



15.3108, 26.3296, 9.0332



20.8087, -2.9795, 7.2593



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.



29.9719, -5.7462, 18.3677



39.1341, -7.4044, 23.9846



29.3596, -18.2495, 17.7715



16.3100, -1.3181, 2.2976



35.6060, -6.7663, 21.8218



82.9783, -15.3097, 50.8628

Inverse Universe

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



9.7073, 20.7414, -56.9062



12.4426, 28.1341, -76.2856



11.0314, 26.0533, -48.4053



15.1851, -0.3154, -0.7004



11.3898, 25.2814, -68.8115



25.5944, 63.4615, -168.9858

Previews

White Background



This preview shows how the HunterLab color 29.9712, -5.7450, 18.3675 looks on a white background.

Color Contrast Check

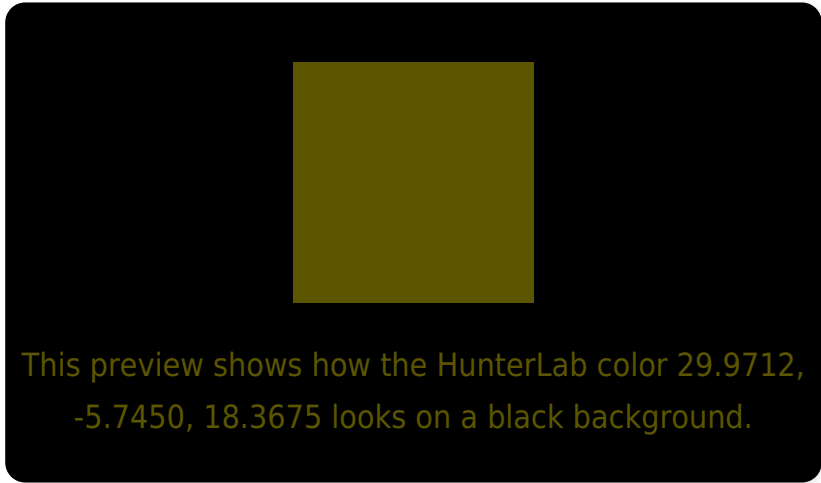
Large Text (above 18pt) WCAG AA ✓ Pass

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

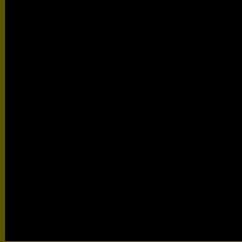
Any Text WCAG AA × Fail

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 29.9712, -5.7450, 18.3675 Background



This preview shows how black text looks on a background with the HunterLab color 29.9712, -5.7450, 18.3675.

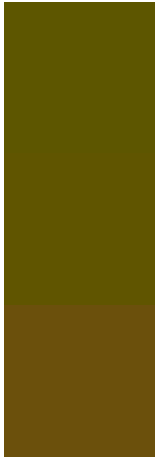


This preview shows how white text looks on a background with the HunterLab color 29.9712, -5.7450,

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

29.9712, -5.7450, 18.3675

Protanopia

29.9730, -4.3788, 18.3926

Deuteranopia

29.8155, 1.6947, 17.7102



Tritanopia

30.0098, 4.4972, 1.1765

Trichromacy



Original Color

29.9712, -5.7450, 18.3675

Protanomaly

29.8829, -4.7009, 18.3314

Deuteranomaly

29.7941, -0.9719, 17.8848

Tritanomaly

29.6601, -0.5655, 11.0413

Monochromacy



Original Color

29.9712, -5.7450, 18.3675

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

28.2031, -4.5111, 10.9559

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9712, -5.7450, 18.3675 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(93, 86, 0)` looks like.

```
.text, #text, p{  
    color:rgb(93, 86, 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(93, 86, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 86, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9712, -5.7450, 18.3675 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(93, 86, 0) }
```


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

```
.border{ border-color:rgb(93, 86, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 86, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 86, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(93, 86, 0); box-shadow:4px  
4px 4px 4px rgb(93, 86, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.9712, -5.7450, 18.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 86, 0) }
```

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

```
.background{ background-color: rgb(93, 86,  
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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