

Converting Colors

HunterLab(30.5268, -13.1719,
18.0258)

Have a look what the booklet for
HunterLab(30.5268, -13.1719,
18.0258) contains.

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Color

**HunterLab(30.5720,
-13.3847, 18.0471)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5D0A
RGB	75, 93, 10
RGB Percent	29%, 36%, 4%
CMY	0.7059, 0.6353, 0.9608
CMYK	0.19, 0.00, 0.89, 0.64
HSL	73°, 81%, 20%
HSV	73°, 89%, 36%
XYZ	6.8708, 9.3465, 1.7291
YIQ	78.1560, 15.9150, -29.6290

Conversions

Conversions Part 2

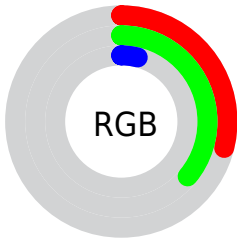
Format	Color
R_{YB}	10, 93, 28
Decimal	4939018
CIE Lab	36.64, -18.63, 40.49
CIE LCh	37, 44.571, 114.701
Yxy	9.3469, 0.3828, 0.5208
Android (android.graphics.Color)	4283129098 (0xFF4B5D0A)
YUV	78.1560, -33.6009, -2.7678
Hunter-Lab	30.5720, -13.3847, 18.0471

Details

The HunterLab color $[30.5720, -13.3847, 18.0471]$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $[11.2005, 21.2541, -47.5485]$, and the grayscale version is $[27.7716, -1.4818, 1.5089]$.

A 20% lighter version of the original color is $[49.5023, -16.5147, 24.7554]$, and $[15.0088, -9.1095, 9.0889]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.4080, -14.0908, 18.4511]$, and if you desaturate by 10%, it is $[30.7501, -12.6175, 17.5128]$.

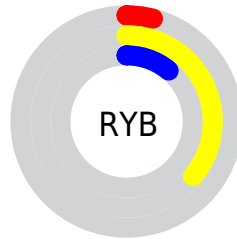
Distribution



Red (29%)

Green (36%)

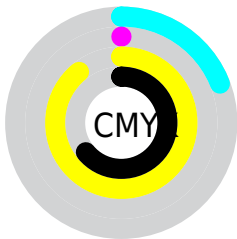
Blue (4%)



Red (4%)

Yellow (36%)

Blue (11%)

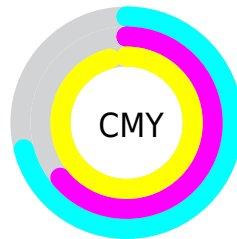


Cyan (19%)

Magenta (0%)

Yellow (89%)

Black (64%)



Cyan (71%)

Magenta (64%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5720, -13.3847, 18.0471 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 30.5720, -13.3847, 18.0471 by changing the saturation by 10% instead.

■ 30.5720, -13.3847,
18.0471

■ 30.5720, -13.3847,
18.0471

■ 136.3617,
-27.6771, 44.1380

■ 22.2893, -11.5604,
14.5899

■ 49.5576, -16.7758,
24.7765

■ 14.9284, -9.5824,
10.4499

■ 60.1351, -18.3927,
27.8555

■ 8.5762, -9.9213,
6.0033

■ 71.3736, -19.9777,
30.7943

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.2362, -21.5400,
33.6196

0.0000, NaN, NaN

■ 95.6916, -23.0866,
36.3521

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.7130,

-24.6225, 39.0079

0.0000, NaN, NaN

■ 122.2766,
-26.1516, 41.5997

■ 30.5720, -13.3847,
18.0471

■ 30.5720, -13.3847,
18.0471

■ 30.4080, -14.0908,
18.4511

■ 30.7501, -12.6175,
17.5128

■ 30.3956, -14.1438,
18.4820

■ 30.9510, -11.7248,
16.6886

■ 31.1770, -10.6998,
15.5518

■ 31.4295, -9.5374,
14.0854

■ 31.7095, -8.2347,
12.2777

■ 32.0178, -6.7906,
10.1213

■ 32.3549, -5.2054,
7.6127

■ 32.7212, -3.4808,
4.7521

■ 33.1169, -1.6198,
1.5425

Harmonies

Analogous

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



30.5727, 1.2415, 18.7667



30.5720, -13.3847, 18.0471



30.5727, -22.7929, 14.1488

Triad

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



30.5727, -13.3856, 18.0473



30.5727, -17.3659, -32.8462



30.5727, 35.1416, -1.1449

Complementary

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



30.5720, -13.3847, 18.0471



11.2005, 21.2541, -47.5485

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.



30.5727, 27.5249, -20.3554



30.5720, -13.3847, 18.0471



30.5727, -4.4050, -43.7500

Square

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



30.5727, -13.3856, 18.0473



30.5727, -24.7406, -13.1495



30.5727, 12.2164, -38.2878



30.5727, 31.3852, 11.4915

Rectangle

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



30.5720, -13.3847, 18.0471



30.5727, -25.8816, 8.3849



30.5727, 12.2164, -38.2878



30.5727, 33.7870, -7.0447

Sweetspot

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



30.5727, -13.3856, 18.0473



41.9435, -8.5984, 12.7999



17.8301, 18.6952, 10.3588



20.9565, -4.5187, 6.7384



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.



30.5727, -13.3856, 18.0473



39.7100, -18.7000, 24.1418



28.6060, -21.2734, 16.6590



16.3223, -1.6971, 2.3043



36.1228, -16.9444, 21.9621



84.2960, -40.5672, 51.2326

Inverse Universe

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



11.2005, 21.2541, -47.5485



12.5379, 32.2579, -75.5126



15.1347, 27.4528, -30.7648



15.1743, 0.0569, -0.7078



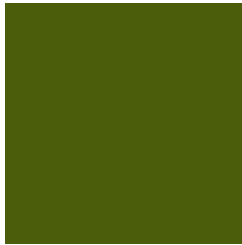
11.4443, 29.3691, -68.3427



26.1505, 68.1980, -164.6079

Previews

White Background



This preview shows how the HunterLab color 30.5720, -13.3847, 18.0471 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

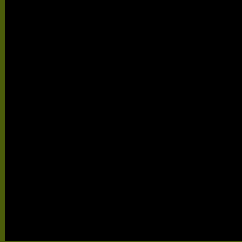
Any Text WCAG AA × Fail

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 30.5720, -13.3847, 18.0471 Background



This preview shows how black text looks on a background with the HunterLab color 30.5720, -13.3847, 18.0471.



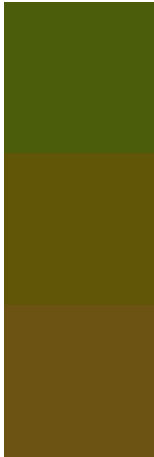
This preview shows how white text looks on a background with the HunterLab color 30.5720,

-13.3847, 18.0471.

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

30.5720, -13.3847, 18.0471

Protanopia

30.3518, -4.3271, 18.2342

Deuteranopia

30.4463, 1.3554, 17.5848



Tritanopia

30.4711, -1.3590, -1.3980

Trichromacy



Original Color

30.5720, -13.3847, 18.0471

Protanomaly

30.4732, -8.0134, 18.1902

Deuteranomaly

30.2982, -4.4457, 17.6325

Tritanomaly

30.3465, -7.3567, 9.3828

Monochromacy



Original Color

30.5720, -13.3847, 18.0471

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

28.3220, -6.7287, 10.2831

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5720, -13.3847, 18.0471 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(75, 93, 10)` looks like.

```
.text, #text, p{  
    color:rgb(75, 93, 10)  
}
```

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(75, 93, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 93, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5720, -13.3847, 18.0471 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(75, 93, 10) }
```


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

```
.border{ border-color:rgb(75, 93, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 93, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 93, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 93, 10);  
box-shadow:4px 4px 4px 4px rgb(75, 93, 10)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.5720, -13.3847, 18.0471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 93, 10) }
```

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

```
.background{ background-color: rgb(75, 93,  
10) }
```

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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