

Converting Colors

HunterLab(30.8153, -2.9500,
18.0765)

Have a look what the booklet for
HunterLab(30.8153, -2.9500,
18.0765) contains.

HunterLab(30.7519, -2.8471, 18.0280)	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>	31

Color

**HunterLab(30.7519, -2.8471,
18.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	65560F
RGB	101, 86, 15
RGB Percent	40%, 34%, 6%
CMY	0.6039, 0.6627, 0.9412
CMYK	0.00, 0.15, 0.85, 0.60
HSL	50°, 74%, 23%
HSV	50°, 85%, 40%
XYZ	8.7809, 9.4568, 1.8145
YIQ	82.3910, 31.7310, -18.9010

Conversions

Conversions Part 2

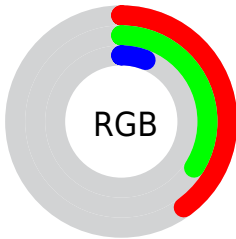
Format	Color
R_{YB}	33, 101, 15
Decimal	6641167
CIE Lab	36.85, -1.77, 40.03
CIE LCh	37, 40.073, 92.530
Yxy	9.4572, 0.4379, 0.4716
Android (android.graphics.Color)	4284831247 (0xFF65560F)
YUV	82.3910, -33.2238, 16.3201
Hunter-Lab	30.7519, -2.8471, 18.0280

Details

The HunterLab color **30.7519, -2.8471, 18.0280** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **14.0346, 13.7258, -43.1240**, and the grayscale version is **29.2990, -1.5633, 1.5919**.

A 20% lighter version of the original color is **49.6771, -3.8038, 24.5755**, and **15.0465, -1.3199, 9.2485** is the 20% darker color. If you saturate the color by 10%, you get **30.2583, -2.3205, 18.3285**, and if you desaturate by 10%, it is **31.2700, -3.2687, 17.4563**.

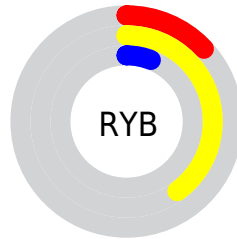
Distribution



Red (40%)

Green (34%)

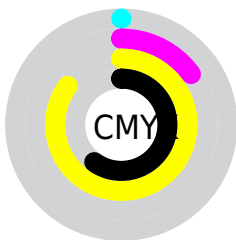
Blue (6%)



Red (13%)

Yellow (40%)

Blue (6%)

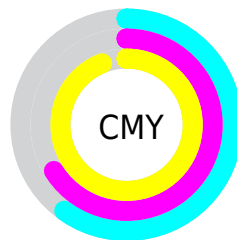


Cyan (0%)

Magenta (15%)

Yellow (85%)

Black (60%)



Cyan (60%)

Magenta (66%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.7519, -2.8471, 18.0280 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 30.7519, -2.8471, 18.0280 by changing the saturation by 10% instead.

■ 30.7519, -2.8471,
18.0280

■ 30.7519, -2.8471,
18.0280

■ 136.6577, -9.2912,
43.8451

■ 22.4513, -2.2830,
14.5603

■ 49.7690, -4.0770,
24.6793

■ 15.0702, -1.7511,
10.5491

■ 60.3605, -4.7380,
27.7240

■ 8.7084, -1.3501,
6.0958

■ 71.6122, -5.4286,
30.6312

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.4873, -6.1477,
33.4271

0.0000, NaN, NaN

■ 95.9547, -6.8944,
36.1322

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.9875, -7.6678,

■ 122.5621, -8.4670,
41.3299

■ 30.7519, -2.8471,
18.0280

■ 30.7519, -2.8471,
18.0280

■ 30.2583, -2.3205,
18.3285

■ 31.2700, -3.2687,
17.4563

■ 30.0209, -2.0578,
18.4627

■ 31.8148, -3.5563,
16.5490

■ 32.3880, -3.7045,
15.2916

■ 32.9903, -3.7090,
13.6763

■ 33.6219, -3.5679,
11.7010

■ 34.2831, -3.2809,
9.3676

■ 34.9735, -2.8491,
6.6814

■ 35.6930, -2.2748,
3.6506

■ 36.4411, -1.5613,
0.2852

Harmonies

Analogous

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



30.7526, 12.1174, 17.0249



30.7519, -2.8471, 18.0280



30.7526, -15.0923, 16.5812

Triad

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



30.7526, -2.8484, 18.0282



30.7526, -21.5843, -16.0042



30.7526, 26.7987, -13.0254

Complementary

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



30.7519, -2.8471, 18.0280



14.0346, 13.7258, -43.1240

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.



30.7526, 14.6085, -29.6097



30.7519, -2.8471, 18.0280



30.7526, -13.3411, -31.8129

Square

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



30.7526, -2.8484, 18.0282



30.7526, -24.5991, 0.4953



30.7526, -0.4178, -37.6736



30.7526, 30.9825, 2.8077

Rectangle

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



30.7519, -2.8471, 18.0280



30.7526, -20.5867, 13.7254



30.7526, -0.4178, -37.6736



30.7526, 23.4037, -18.9037

Sweetspot

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



30.7526, -2.8484, 18.0282



44.7800, -4.3710, 12.7887



17.9057, 26.3048, 7.2541



22.1079, -2.2182, 6.7219



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



30.7526, -2.8484, 18.0282



39.1697, -2.4234, 24.0938



32.8458, -16.4711, 19.1351



17.8632, -1.2654, 2.4402



34.3007, -2.2302, 21.0969



77.6094, -3.8916, 47.7544

Inverse Universe

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



14.0346, 13.7258, -43.1240



14.8767, 25.9519, -74.6172



13.3361, 23.2982, -46.1107



16.8338, -0.5337, -0.6675



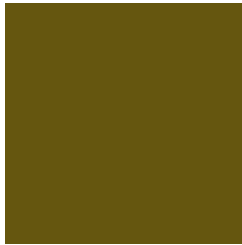
13.1634, 22.1265, -64.2179



28.4592, 56.2039, -156.8995

Previews

White Background



This preview shows how the HunterLab color 30.7519, -2.8471, 18.0280 looks on a white background.

Color Contrast Check

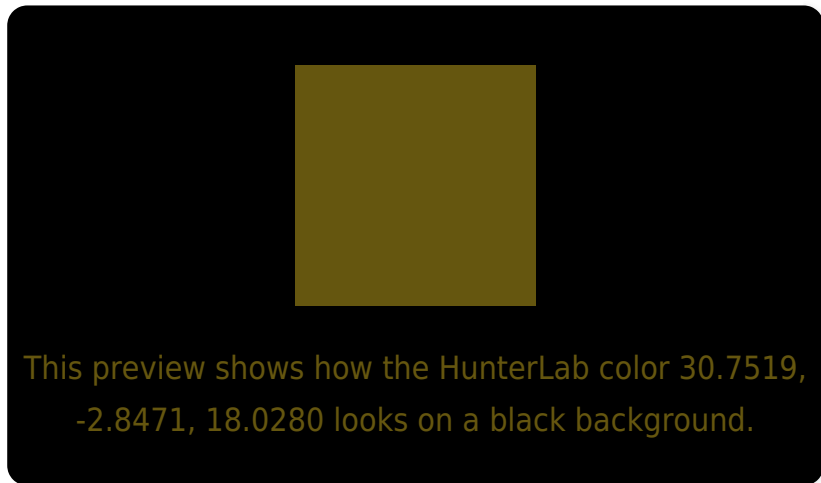
Large Text (above 18pt) WCAG AA ✓ Pass

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

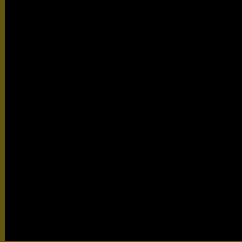
Any Text WCAG AA × Fail

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 30.7519, -2.8471, 18.0280 Background



This preview shows how black text looks on a background with the HunterLab color 30.7519, -2.8471, 18.0280.



This preview shows how white text looks on a background with the HunterLab color 30.7519, -2.8471,

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

30.7519, -2.8471, 18.0280

Protanopia

30.7369, -4.2445, 17.9938

Deuteranopia

30.6432, 1.9977, 17.8911



Tritanopia

30.7789, 6.9860, 2.1286

Trichromacy



Original Color

30.7519, -2.8471, 18.0280

Protanomaly

30.8278, -3.9210, 18.0581

Deuteranomaly

30.5773, 0.4891, 17.8996

Tritanomaly

30.5023, 2.4600, 10.5288

Monochromacy



Original Color

30.7519, -2.8471, 18.0280

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.3528, -2.8588, 9.9513

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.7519, -2.8471, 18.0280 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(101, 86, 15)` looks like.

```
.text, #text, p{  
    color:rgb(101, 86, 15)  
}
```

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(101, 86, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 86, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 30.7519, -2.8471, 18.0280 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(101, 86, 15) }
```


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

```
.border{ border-color:rgb(101, 86, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 86, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 86, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 86, 15);  
box-shadow:4px 4px 4px 4px rgb(101, 86,  
15) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.7519, -2.8471, 18.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 86, 15) }
```

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

```
.background{ background-color: rgb(101, 86,  
15) }
```

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