

Converting Colors

HunterLab(30.2492, 11.1748,
-18.7055)

Have a look what the booklet for
HunterLab(30.2492, 11.1748,
-18.7055) contains.

| | |
|--|----|
| HunterLab(30.1499, 11.2148, -18.7244) | 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(30.1499, 11.2148,
-18.7244)**

Conversions

| Conversions Part 1 | |
|--------------------|---------------------------|
| Format | Color |
| Hex | 5D4D7C |
| RGB | 93, 77, 124 |
| RGB Percent | 36%, 30%, 49% |
| CMY | 0.6353, 0.6980, 0.5137 |
| CMYK | 0.25, 0.38, 0.00, 0.51 |
| HSL | 260°, 23%, 39% |
| HSV | 260°, 38%, 49% |
| XYZ | 10.8062, 9.0902, 20.2538 |
| YIQ | 87.1420, -5.5510, 18.0090 |

Conversions

Conversions Part 2

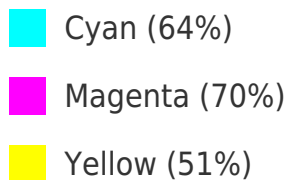
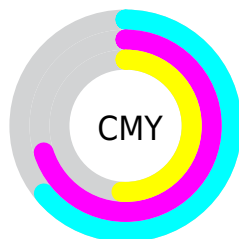
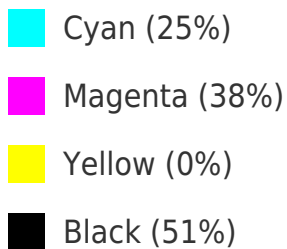
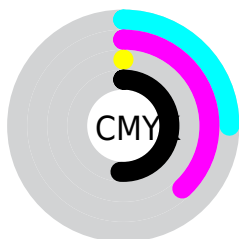
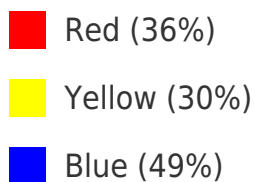
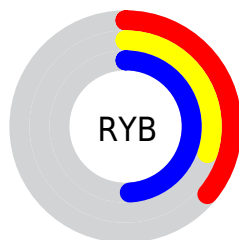
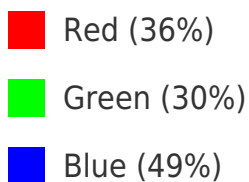
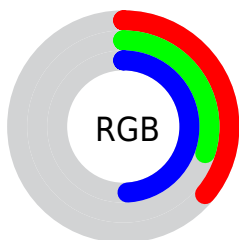
| Format | Color |
|-------------------------------------|--|
| RYB | 93, 77, 124 |
| Decimal | 6114684 |
| CIELab | 36.16, 17.41, -24.24 |
| CIELCh | 36, 29.843, 305.680 |
| Yxy | 9.0905, 0.2691, 0.2264 |
| Android (android.graphics.Color) | 4284304764 (0xFF5D4D7C) |
| YUV | 87.1420, 18.1710, 5.1375 |
| Hunter-Lab | 30.1499, 11.2148, -18.7244 |

Details

The HunterLab color $[30.1499, 11.2148, -18.7244]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[42.5905, -12.7912, 16.2455]$, and the grayscale version is $[30.8615, -1.6467, 1.6768]$.

A 20% lighter version of the original color is $[49.0156, 12.1779, -19.8975]$, and $[14.6752, 9.5443, -17.6839]$ is the 20% darker color. If you saturate the color by 10%, you get $[26.6708, 15.1393, -25.6914]$, and if you desaturate by 10%, it is $[33.8293, 7.4465, -12.4448]$.













Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1499, 11.2148, -18.7244 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 30.1499, 11.2148, -18.7244 by changing the saturation by 10% instead.

| | |
|---|---|
|  30.1499, 11.2148, -18.7244 |  30.1499, 11.2148, -18.7244 |
|  135.6657, 12.9312, -21.2564 |  21.9095, 10.5673, -18.2029 |
|  49.0614, 12.1508, -19.6851 |  14.5964, 9.7701, -17.7563 |
|  59.6057, 12.4729, -20.0843 |  8.2567, 9.2161, -18.0178 |
|  70.8129, 12.7129, -20.4228 | 0.0000, INF, -NF |
|  82.6460, 12.8795, -20.7012 | 0.0000, NaN, -NF |
|  95.0733, 12.9794, -20.9213 | 0.0000, NaN, NaN |
|  108.0677, 13.0184, | 0.0000, NaN, NaN |

-21.0855

0.0000, NaN, NaN

121.6055, 13.0010,
-21.1963

■ 30.1499, 11.2148,
-18.7244

■ 30.1499, 11.2148,
-18.7244

■ 26.6708, 15.1393,
-25.6914

■ 33.8293, 7.4465,
-12.4448

■ 23.4357, 19.2125,
-33.4653

■ 37.6738, 3.8195,
-6.7289

■ 20.5067, 23.3623,
-42.0880

■ 41.6591, 0.3100,
-1.4637

■ 17.9646, 27.3859,
-51.3856

■ 45.7663, -3.1053,
3.4429

■ 15.9056, 30.8667,
-60.7406

■ 49.9809, -6.4469,
8.0645

■ 14.3026, 33.6532,
-69.6464

■ 54.2914, -9.7317,
12.4591

■ 13.9714, 34.3420,
-71.7122

■ 58.6886, -12.9739,
16.6722

■ 63.1651, -16.1847,
20.7396

■ 67.7147, -19.3730,
24.6898

Harmonies

Analogous

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



30.1505, 0.4322, -24.7102



30.1499, 11.2148, -18.7244



30.1505, 19.2883, -7.4798

Triad

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



30.1505, 11.2144, -18.7236



30.1505, 7.2460, 14.4977



30.1505, -19.3212, -0.3403

Complementary

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



30.1499, 11.2148, -18.7244



42.5905, -12.7912, 16.2455

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.



30.1505, -18.0183, 8.5807



30.1499, 11.2148, -18.7244



30.1505, -3.6000, 15.2572

Square

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



30.1505, 11.2144, -18.7236



30.1505, 16.7847, 10.8969



30.1505, -12.5954, 13.5198



30.1505, -16.4371, -11.9898

Rectangle

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



30.1499, 11.2148, -18.7244



30.1505, 21.5095, 0.1446



30.1505, -12.5954, 13.5198



30.1505, -19.3529, 3.0648

Sweetspot

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



30.1505, 11.2144, -18.7236



53.4681, 1.9597, -4.2293



37.1872, -7.0129, -7.6110



25.6681, 1.1957, -2.4176



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



30.1505, 11.2144, -18.7236



36.2046, 19.1124, -32.3098



32.3848, 17.8294, -14.6438



19.8840, 0.3426, -0.9902



14.0820, 34.6210, -72.3356



30.0540, 74.9483, -162.5912

Inverse Universe

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



32.6740, 17.5175, -5.3046



40.4447, 28.9362, -8.7391



41.0790, -18.5339, 14.8539



20.1381, 1.0932, 0.1994



22.2974, 40.9453, -6.9901



48.5299, 88.8205, -12.9164

Previews

White Background



This preview shows how the HunterLab color 30.1499, 11.2148, -18.7244 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



This preview shows how the HunterLab color 30.1499, 11.2148, -18.7244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

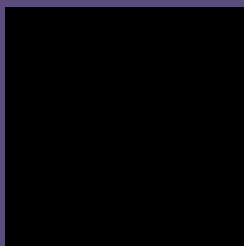
Any Text WCAG AA × Fail

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 30.1499, 11.2148, -18.7244 Background



This preview shows how black text looks on a background with the HunterLab color 30.1499, 11.2148, -18.7244.



This preview shows how white text looks on a background with the HunterLab color 30.1499, 11.2148,

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

30.1499, 11.2148, -18.7244

Protanopia

30.3604, 3.6276, -22.4714

Deuteranopia

30.1420, 2.2176, -17.6054



Tritanopia

30.2030, 0.2706, -0.8137

Trichromacy



Original Color

30.1499, 11.2148, -18.7244

Protanomaly

30.1049, 6.4939, -21.5559

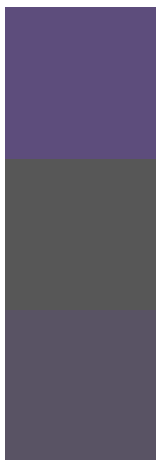
Deuteranomaly

29.9619, 5.6053, -18.5208

Tritanomaly

29.9800, 4.1600, -6.8309

Monochromacy



Original Color

30.1499, 11.2148, -18.7244

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.3817, 2.7253, -4.7597

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1499, 11.2148, -18.7244 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, 77, 124)` looks like.

```
.text, #text, p{  
    color:rgb(93, 77, 124)  
}
```

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, 77, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 77, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1499, 11.2148, -18.7244 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, 77, 124) }
```


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

```
.border{ border-color:rgb(93, 77, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 77, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 77, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 77, 124);  
box-shadow:4px 4px 4px 4px rgb(93, 77,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.1499, 11.2148, -18.7244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 77, 124) }
```

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

```
.background{ background-color: rgb(93, 77,  
124) }
```

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