

Converting Colors

HunterLab(28.8858, 11.9361,
-19.7843)

Have a look what the booklet for
HunterLab(28.8858, 11.9361,
-19.7843) contains.

HunterLab(28.8858, 11.9361, -19.7843)	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(28.8858, 11.9361,
-19.7843)**

Conversions

Conversions Part 1

Format	Color
Hex	5A497A
RGB	90, 73, 122
RGB Percent	35%, 29%, 48%
CMY	0.6471, 0.7137, 0.5216
CMYK	0.26, 0.40, 0.00, 0.52
HSL	261°, 25%, 38%
HSV	261°, 40%, 48%
XYZ	10.1119, 8.3439, 19.4899
YIQ	83.6690, -5.5970, 18.8430

Conversions

Conversions Part 2

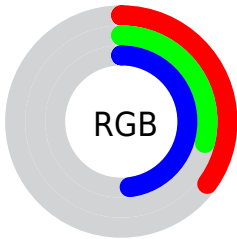
Format	Color
RYB	90, 73, 122
Decimal	5917050
CIELab	34.69, 18.43, -25.32
CIElCh	35, 31.317, 306.054
Yxy	8.3442, 0.2665, 0.2199
Android (android.graphics.Color)	4284107130 (0xFF5A497A)
YUV	83.6690, 18.8972, 5.5523
Hunter-Lab	28.8858, 11.9361, -19.7843

Details

The HunterLab color $[28.8858, 11.9361, -19.7843]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[41.7175, -13.1541, 16.5170]$, and the grayscale version is $[29.5899, -1.5788, 1.6077]$.

A 20% lighter version of the original color is $[47.6203, 12.9305, -20.9266]$, and $[13.6089, 10.2454, -18.8968]$ is the 20% darker color. If you saturate the color by 10%, you get $[25.5282, 15.8347, -26.7560]$, and if you desaturate by 10%, it is $[32.4483, 8.1881, -13.5057]$.

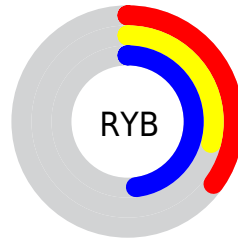
Distribution



 Red (35%)

 Green (29%)

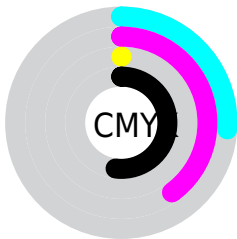
 Blue (48%)



 Red (35%)

 Yellow (29%)

 Blue (48%)

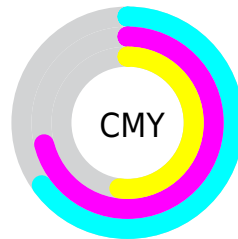


 Cyan (26%)

 Magenta (40%)

 Yellow (0%)

 Black (52%)



 Cyan (65%)

 Magenta (71%)

 Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8858, 11.9361, -19.7843 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 28.8858, 11.9361, -19.7843 by changing the saturation by 10% instead.

■ 28.8858, 11.9361,
-19.7843

■ 28.8858, 11.9361,
-19.7843

■ 133.5693, 14.1633,
-22.6468

■ 20.7750, 11.2114,
-19.2610

■ 47.5716, 13.0097,
-20.8011

■ 13.6083, 10.3310,
-18.8668

■ 58.0150, 13.3937,
-21.2376

■ 7.2054, 10.8642,
-20.3650

■ 69.1274, 13.6921,
-21.6153

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.8706, 13.9140,
-21.9337

0.0000, NaN, NaN

■ 93.2125, 14.0666,
-22.1938

0.0000, NaN, NaN

0.0000, NaN, NaN

106.1252, 14.1558,

-22.3979

0.0000, NaN, NaN

119.5846, 14.1867,
-22.5480

■ 28.8858, 11.9361,
-19.7843

■ 28.8858, 11.9361,
-19.7843

■ 25.5282, 15.8347,
-26.7560

■ 32.4483, 8.1881,
-13.5057

■ 22.4212, 19.8653,
-34.5258

■ 36.1791, 4.5808,
-7.8006

■ 19.6292, 23.9338,
-43.1003

■ 40.0528, 1.0925,
-2.5565

■ 17.2345, 27.8014,
-52.2360

■ 44.0498, -2.2994,
2.3202

■ 15.3312, 31.0116,
-61.2165

■ 48.1549, -5.6154,
6.9044

■ 13.7997, 33.8146,
-70.0134

■ 52.3565, -8.8727,
11.2556

■ 56.6449, -12.0855,
15.4205

■ 61.0127, -15.2652,
19.4359

■ 65.4533, -18.4213,
23.3308

Harmonies

Analogous

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



28.8864, 0.7134, -26.3101



28.8858, 11.9361, -19.7843



28.8864, 20.3502, -7.8050

Triad

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



28.8864, 11.9357, -19.7835



28.8864, 7.5178, 14.5486



28.8864, -19.6540, -0.6227

Complementary

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



28.8858, 11.9361, -19.7843



41.7175, -13.1541, 16.5170

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.



28.8864, -18.3899, 8.5829



28.8858, 11.9361, -19.7843



28.8864, -3.7319, 15.2476

Square

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



28.8864, 11.9357, -19.7835



28.8864, 17.5451, 11.0575



28.8864, -12.9288, 13.5377



28.8864, -16.6822, -12.8893

Rectangle

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



28.8858, 11.9361, -19.7843



28.8864, 22.6305, 0.1584



28.8864, -12.9288, 13.5377



28.8864, -19.7036, 2.9182

Sweetspot

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



28.8864, 11.9357, -19.7835



52.0181, 2.4214, -4.8255



36.1405, -7.0369, -8.0600



24.6340, 1.3704, -2.6233



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



28.8864, 11.9357, -19.7835



34.2941, 20.4741, -34.5128



31.2038, 18.6919, -15.4305



19.8870, 0.3527, -0.9863



14.1442, 34.6814, -71.9368



30.1851, 75.0707, -161.7164

Inverse Universe

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



31.5006, 18.3047, -5.4241



38.7370, 30.3733, -8.8854



40.1958, -18.9629, 15.1384



20.1370, 1.0877, 0.2140



22.2695, 40.8454, -6.6032



48.4678, 88.5971, -12.0498

Previews

White Background



This preview shows how the HunterLab color 28.8858, 11.9361, -19.7843 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 28.8858, 11.9361, -19.7843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

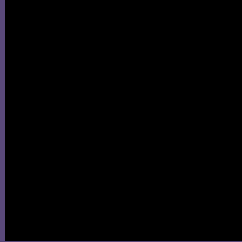
Any Text WCAG AA × Fail

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 28.8858, 11.9361, -19.7843 Background



This preview shows how black text looks on a background with the HunterLab color 28.8858, 11.9361, -19.7843.



This preview shows how white text looks on a background with the HunterLab color 28.8858, 11.9361, -19.7843.

-19.7843.

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

28.8858, 11.9361, -19.7843

Protanopia

28.9583, 4.0553, -23.8978

Deuteranopia

28.9219, 1.9246, -18.5720



Tritanopia

29.0034, -0.1048, -0.5626

Trichromacy



Original Color

28.8858, 11.9361, -19.7843

Protanomaly

28.6890, 6.8331, -22.9952

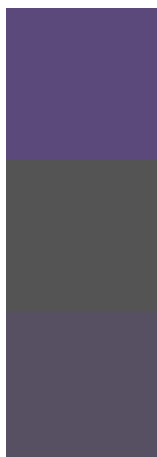
Deuteranomaly

28.7839, 5.4384, -19.4290

Tritanomaly

28.8917, 4.1935, -6.8655

Monochromacy



Original Color

28.8858, 11.9361, -19.7843

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.3217, 2.9343, -5.2462

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8858, 11.9361, -19.7843 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(90, 73, 122)` looks like.

```
.text, #text, p{  
    color:rgb(90, 73, 122)  
}
```

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(90, 73, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 73, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8858, 11.9361, -19.7843 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(90, 73, 122) }
```


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

```
.border{ border-color:rgb(90, 73, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 73, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 73, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 73, 122);  
box-shadow:4px 4px 4px 4px rgb(90, 73,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.8858, 11.9361, -19.7843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 73, 122) }
```

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

```
.background{ background-color: rgb(90, 73,  
122) }
```

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