

Converting Colors

HunterLab(28.3802, -11.3919,
7.2328)

Have a look what the booklet for
HunterLab(28.3802, -11.3919,
7.2328) contains.

HunterLab(28.4892, -11.4031, 7.2608)	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(28.4892,
-11.4031, 7.2608)**

Conversions

Conversions Part 1

Format	Color
Hex	3B5740
RGB	59, 87, 64
RGB Percent	23%, 34%, 25%
CMY	0.7686, 0.6588, 0.7490
CMYK	0.32, 0.00, 0.26, 0.66
HSL	131°, 19%, 29%
HSV	131°, 32%, 34%
XYZ	6.1372, 8.1163, 6.0936
YIQ	76.0060, -9.3050, -13.0890

Conversions

Conversions Part 2

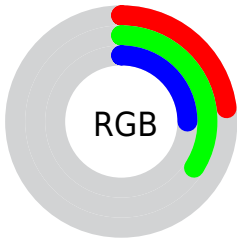
Format	Color
R_{YB}	59, 83, 87
Decimal	3888960
CIE _{Lab}	34.22, -15.89, 10.09
CIE _{LCh}	34, 18.825, 147.580
Yxy	8.1167, 0.3016, 0.3989
Android (android.graphics.Color)	4282079040 (0xFF3B5740)
YUV	76.0060, -5.9190, -14.9143
Hunter-Lab	28.4892, -11.4031, 7.2608

Details

The HunterLab color $28.4892, -11.4031, 7.2608$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $24.0074, 10.1653, -4.7441$, and the grayscale version is $26.9090, -1.4358, 1.4620$.

A 20% lighter version of the original color is $47.1030, -14.4695, 9.4760$, and $13.1969, -7.8739, 4.8066$ is the 20% darker color. If you saturate the color by 10%, you get $27.9221, -13.8728, 8.7836$, and if you desaturate by 10%, it is $29.1406, -8.6476, 5.6256$.

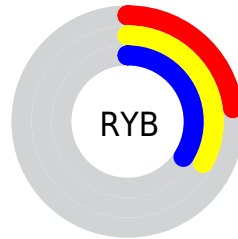
Distribution



 Red (23%)

 Green (34%)

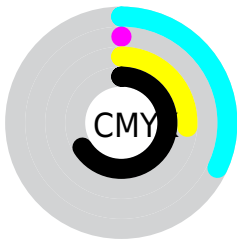
 Blue (25%)




 Red (23%)

 Yellow (33%)

 Blue (34%)

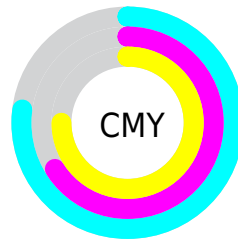


 Cyan (32%)


 Magenta (0%)

 Yellow (26%)

 Black (66%)



 Cyan (77%)

 Magenta (66%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.4892, -11.4031, 7.2608 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 28.4892, -11.4031, 7.2608 by changing the saturation by 10% instead.

■ 28.4892, -11.4031,
7.2608

■ 28.4892, -11.4031,
7.2608

■ 132.9076,
-24.4207, 17.5373

■ 20.4199, -9.7700,
6.0697

■ 47.1029, -14.4529,
9.5518

■ 13.3002, -8.0013,
4.8088

■ 57.5142, -15.9158,
10.6795

■ 6.8389, -10.4905,
4.7872

■ 68.5964, -17.3552,
11.8059

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.3111, -18.7794,
12.9355

0.0000, NaN, NaN

■ 92.6257, -20.1942,
14.0715

0.0000, NaN, NaN

■ 105.5124,

0.0000, NaN, NaN

-21.6040, 15.2162

0.0000, NaN, NaN

118.9469,
-23.0120, 16.3710

■ 28.4892, -11.4031,
7.2608

■ 28.4892, -11.4031,
7.2608

■ 27.9221, -13.8728,
8.7836

■ 29.1406, -8.6476,
5.6256

■ 27.4378, -16.0322,
10.1769

■ 29.8730, -5.6315,
3.8937

■ 27.0362, -17.8649,
11.4269

■ 30.6849, -2.3845,
2.0821

■ 26.7155, -19.3621,
12.5221

■ 31.5736, 1.0640,
0.2069

■ 26.4719, -20.5244,
13.4542

■ 32.5358, 4.6852,
-1.7173

■ 26.2967, -21.3795,
14.2167

■ 33.5683, 8.4521,
-3.6775

■ 26.1777, -21.9559,
14.6767

■ 34.6674, 12.3402,
-5.6624

■ 35.8294, 16.3277,
-7.6624

■ 37.0508, 20.3956,
-9.6697

Harmonies

Analogous

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



28.4898, -7.1278, 10.2656



28.4892, -11.4031, 7.2608



28.4898, -13.0570, 2.0526

Triad

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



28.4898, -11.4036, 7.2611



28.4898, -2.0521, -13.2249



28.4898, 10.5384, 6.5641

Complementary

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



28.4892, -11.4031, 7.2608



24.0074, 10.1653, -4.7441

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.



28.4898, 12.2027, 1.0397



28.4892, -11.4031, 7.2608



28.4898, 4.5546, -11.2614

Square

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



28.4898, -11.4036, 7.2611



28.4898, -7.9715, -10.5465



28.4898, 9.9229, -5.6585



28.4898, 5.5585, 9.9318

Rectangle

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



28.4892, -11.4031, 7.2608



28.4898, -12.5732, -2.3153



28.4898, 9.9229, -5.6585



28.4898, 11.5228, 4.9411

Sweetspot

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



28.4898, -11.4036, 7.2611



39.2135, -6.5881, 4.6528



29.9021, -6.3239, 10.1105



19.3273, -3.4230, 2.3933



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



28.4898, -11.4036, 7.2611



36.6098, -17.5306, 11.1029



28.7955, -9.6328, 2.8625



15.2863, -2.3067, 1.6654



32.5326, -27.3761, 18.4342



77.0417, -65.2922, 44.6517

Inverse Universe

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



24.0074, 10.1653, -4.7441



29.4162, 17.2116, -8.1775



23.6131, 8.1780, 0.8270



14.6442, 0.7658, -0.0519



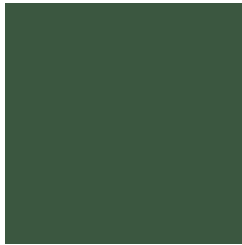
19.5862, 37.1371, -15.2130



46.2941, 87.5686, -34.3378

Previews

White Background



This preview shows how the HunterLab color 28.4892, -11.4031, 7.2608 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

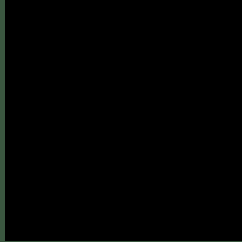
Any Text WCAG AA × Fail

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 28.4892, -11.4031, 7.2608 Background



This preview shows how black text looks on a background with the HunterLab color 28.4892, -11.4031, 7.2608.



This preview shows how white text looks on a background with the HunterLab color 28.4892,

-11.4031, 7.2608.

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

28.4892, -11.4031, 7.2608

Protanopia

28.3772, -2.1768, 8.2236

Deuteranopia

28.3342, 1.7678, 6.7049



Tritanopia

28.5812, -5.4866, -2.5503

Trichromacy



Original Color

28.4892, -11.4031, 7.2608

Protanomaly

28.4092, -6.0904, 7.8876

Deuteranomaly

28.3123, -3.5859, 6.9102

Tritanomaly

28.4872, -7.7434, 1.2162

Monochromacy



Original Color

28.4892, -11.4031, 7.2608

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.3994, -5.1854, 3.5259

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.4892, -11.4031, 7.2608 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(59, 87, 64)` looks like.

```
.text, #text, p{  
    color:rgb(59, 87, 64)  
}
```

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(59, 87, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 87, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 28.4892, -11.4031, 7.2608 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(59, 87, 64) }
```


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

```
.border{ border-color:rgb(59, 87, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 87, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 87, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 87, 64);  
box-shadow:4px 4px 4px 4px rgb(59, 87, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.4892, -11.4031, 7.2608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 87, 64) }
```

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

```
.background{ background-color: rgb(59, 87,  
64) }
```

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