

Converting Colors

HunterLab(28.7578, -11.9022,
10.3139)

Have a look what the booklet for
HunterLab(28.7578, -11.9022,
10.3139) contains.

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Color

**HunterLab(28.8141,
-11.9826, 10.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5836
RGB	63, 88, 54
RGB Percent	25%, 35%, 21%
CMY	0.7529, 0.6549, 0.7882
CMYK	0.28, 0.00, 0.39, 0.65
HSL	104°, 24%, 28%
HSV	104°, 39%, 35%
XYZ	6.2055, 8.3025, 4.7655
YIQ	76.6490, -3.9860, -15.8740

Conversions

Conversions Part 2

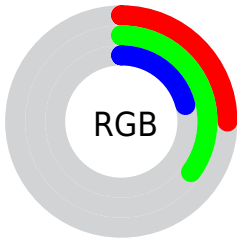
Format	Color
RYB	54, 88, 79
Decimal	4151350
CIELab	34.61, -16.79, 16.77
CIELCh	35, 23.732, 135.043
Yxy	8.3029, 0.3220, 0.4308
Android (android.graphics.Color)	4282341430 (0xFF3F5836)
YUV	76.6490, -11.1660, -11.9702
Hunter-Lab	28.8141, -11.9826, 10.3640

Details

The HunterLab color $[28.8141, -11.9826, 10.3640]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[22.3728, 11.1550, -10.4868]$, and the grayscale version is $[27.1565, -1.4490, 1.4755]$.

A 20% lighter version of the original color is $[47.4987, -15.0296, 13.6371]$, and $[13.4770, -8.3358, 6.8952]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.3317, -14.1219, 11.9727]$, and if you desaturate by 10%, it is $[29.3580, -9.6102, 8.4836]$.

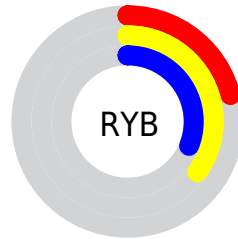
Distribution



Red (25%)

Green (35%)

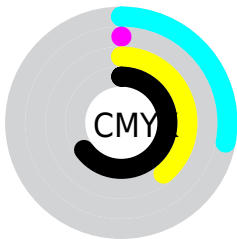
Blue (21%)



Red (21%)

Yellow (35%)

Blue (31%)

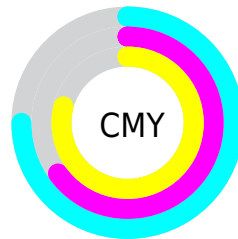


Cyan (28%)

Magenta (0%)

Yellow (39%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8141, -11.9826, 10.3640 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 28.8141, -11.9826, 10.3640 by changing the saturation by 10% instead.

■ 28.8141, -11.9826,
10.3640

■ 28.8141, -11.9826,
10.3640

■ 133.4499,
-25.4319, 23.9330

■ 20.7108, -10.2810,
8.6171

■ 47.4869, -15.1509,
13.5882

■ 13.5525, -8.4344,
6.9132

■ 57.9246, -16.6663,
15.1211

■ 7.1407, -10.6293,
4.9985

■ 69.0315, -18.1550,
16.6229

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.7696, -19.6257,
18.1036

0.0000, NaN, NaN

■ 93.1066, -21.0845,
19.5703

0.0000, NaN, NaN

■ 106.0146,

0.0000, NaN, NaN

-22.5363, 21.0283

0.0000, NaN, NaN

119.4695,
-23.9845, 22.4815

■ 28.8141, -11.9826,
10.3640

■ 28.8141, -11.9826,
10.3640

■ 28.3317, -14.1219,
11.9727

■ 29.3580, -9.6102,
8.4836

■ 27.9091, -16.0132,
13.3028

■ 29.9610, -7.0186,
6.3409

■ 27.5465, -17.6482,
14.3540

■ 30.6224, -4.2261,
3.9500

■ 27.2425, -19.0225,
15.1322

■ 31.3409, -1.2512,
1.3266

■ 26.9954, -20.1376,
15.6512

■ 32.1148, 1.8870,
-1.5121

■ 26.7931, -21.0569,
16.0649

■ 32.9420, 5.1701,
-4.5481

■ 26.7682, -21.1716,
16.1238

■ 33.8206, 8.5803,
-7.7636

■ 34.7482, 12.1011,
-11.1413

■ 35.7227, 15.7171,
-14.6646

Harmonies

Analogous

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



28.8147, -5.5645, 12.7137



28.8141, -11.9826, 10.3640



28.8147, -15.3910, 5.2175

Triad

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



28.8147, -11.9832, 10.3643



28.8147, -5.5427, -17.2870



28.8147, 15.5461, 5.2364

Complementary

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



28.8141, -11.9826, 10.3640



22.3728, 11.1550, -10.4868

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.



28.8147, 15.5537, -2.6306



28.8141, -11.9826, 10.3640



28.8147, 2.7203, -17.2776

Square

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



28.8147, -11.9832, 10.3643



28.8147, -11.9688, -11.3725



28.8147, 10.6437, -11.3497



28.8147, 10.6242, 10.3747

Rectangle

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



28.8141, -11.9826, 10.3640



28.8147, -15.7731, 0.2021



28.8147, 10.6437, -11.3497



28.8147, 16.1402, 2.8710

Sweetspot

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



28.8147, -11.9832, 10.3643



40.1551, -7.0066, 6.4494



28.1491, -1.8169, 9.9623



20.1806, -3.6580, 3.3590



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



28.8147, -11.9832, 10.3643



37.5311, -18.3747, 15.6131



28.4801, -12.9935, 7.8537



15.3436, -2.1359, 1.9952



32.8452, -26.1946, 19.7805



77.5983, -63.1388, 46.7104

Inverse Universe

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



22.3728, 11.1550, -10.4868



27.2534, 18.7396, -18.0006



23.0075, 12.4503, -5.1970



14.5793, 0.5852, -0.4381



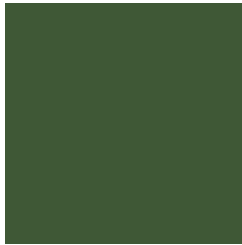
16.4784, 34.6743, -39.3870



38.4751, 81.4189, -95.5184

Previews

White Background



This preview shows how the HunterLab color 28.8141, -11.9826, 10.3640 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 28.8141, -11.9826, 10.3640 Background



This preview shows how black text looks on a background with the HunterLab color 28.8141, -11.9826, 10.3640.



This preview shows how white text looks on a background with the HunterLab color 28.8141,

-11.9826, 10.3640.

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

28.8141, -11.9826, 10.3640

Protanopia

28.6332, -2.9509, 11.1067

Deuteranopia

28.7675, 1.5794, 10.0430



Tritanopia

28.8861, -4.3899, -2.1314

Trichromacy



Original Color

28.8141, -11.9826, 10.3640

Protanomaly

28.7243, -6.6770, 10.8770

Deuteranomaly

28.7084, -3.8980, 10.1570

Tritanomaly

28.6812, -7.2320, 3.0324

Monochromacy



Original Color

28.8141, -11.9826, 10.3640

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.7349, -5.4855, 4.9581

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8141, -11.9826, 10.3640 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(63, 88, 54)` looks like.

```
.text, #text, p{  
    color:rgb(63, 88, 54)  
}
```

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(63, 88, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 88, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8141, -11.9826, 10.3640 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(63, 88, 54) }
```


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

```
.border{ border-color:rgb(63, 88, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 88, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 88, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 88, 54);  
box-shadow:4px 4px 4px 4px rgb(63, 88, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.8141, -11.9826, 10.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 88, 54) }
```

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

```
.background{ background-color: rgb(63, 88,  
54) }
```

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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