

Converting Colors

HunterLab(29.4867, -3.1736,
-30.0049)

Have a look what the booklet for
HunterLab(29.4867, -3.1736,
-30.0049) contains.

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Color

**HunterLab(29.4132, -2.9500,
-30.3958)**

Conversions

Conversions Part 1

Format	Color
Hex	00578A
RGB	0, 87, 138
RGB Percent	0%, 34%, 54%
CMY	0.9999, 0.6588, 0.4588
CMYK	1.00, 0.37, 0.00, 0.46
HSL	202°, 100%, 27%
HSV	202°, 100%, 54%
XYZ	7.9956, 8.6514, 25.2932
YIQ	66.8010, -68.2230, -2.5830

Conversions

Conversions Part 2

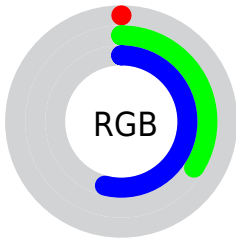
Format	Color
RYB	0, 53, 138
Decimal	22410
CIELab	35.30, -2.06, -34.49
CIELCh	35, 34.550, 266.590
Yxy	8.6516, 0.1906, 0.2063
Android (android.graphics.Color)	4278212490 (0xFF00578A)
YUV	66.8010, 35.1011, -58.5845
Hunter-Lab	29.4132, -2.9500, -30.3958

Details

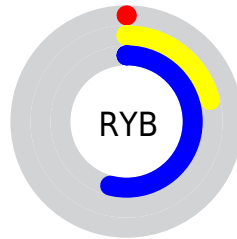
The HunterLab color **29.4132, -2.9500, -30.3958** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **27.8794, 25.9037, 17.6315**, and the grayscale version is **23.5218, -1.2551, 1.2780**.

A 20% lighter version of the original color is **48.0828, -3.8586, -31.9319**, and **15.3639, 3.1972, -26.1054** is the 20% darker color. If you saturate the color by 10%, you get **29.4115, -2.9471, -30.3999**, and if you desaturate by 10%, it is **30.9819, -4.6602, -27.0053**.

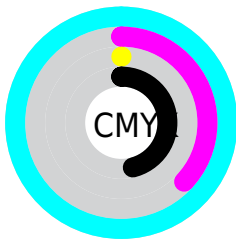
Distribution



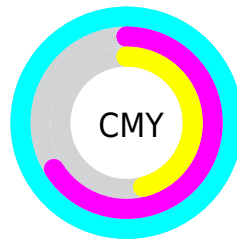
- Red (0%)
- Green (34%)
- Blue (54%)



- Red (0%)
- Yellow (21%)
- Blue (54%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (66%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.4132, -2.9500, -30.3958 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 29.4132, -2.9500, -30.3958 by changing the saturation by 10% instead.

■ 29.4132, -2.9500,
-30.3958

■ 29.4132, -2.9500,
-30.3958

■ 134.4460, -9.4822,
-35.0068

■ 21.2477, -2.3689,
-29.9819

■ 48.1937, -4.2034,
-31.5938

■ 14.0193, -1.8191,
-30.0342

■ 58.6795, -4.8754,
-32.2096

■ 7.6633, -1.5779,
-32.6777

■ 69.8317, -5.5762,
-32.7945

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 81.6127, -6.3049,
-33.3365

0.0000, NaN, NaN

■ 93.9904, -7.0607,
-33.8301

0.0000, NaN, NaN

■ 106.9374, -7.8427,

0.0000, NaN, NaN

-34.2732

0.0000, NaN, NaN

120.4297, -8.6501,
-34.6652

■ 29.4132, -2.9500,
-30.3958

■ 29.4132, -2.9500,
-30.3958

■ 29.4115, -2.9471,
-30.3999

■ 30.9819, -4.6602,
-27.0053

■ 32.6547, -6.0393,
-23.6415

■ 34.4637, -6.9644,
-20.2516

■ 36.4049, -7.4448,
-16.8581

■ 38.4718, -7.5051,
-13.4815

■ 40.6568, -7.1776,
-10.1380

■ 42.9517, -6.4976,
-6.8385

■ 45.3484, -5.5006,
-3.5900

■ 47.8393, -4.2203,
-0.3958

Harmonies

Analogous

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



29.4137, -13.3740, -23.6861



29.4132, -2.9500, -30.3958



29.4137, 9.6475, -26.0545

Triad

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



29.4137, -2.9495, -30.3951



29.4137, 22.4033, 9.9205



29.4137, -18.6600, 11.4066

Complementary

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



29.4132, -2.9500, -30.3958



27.8794, 25.9037, 17.6315

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.



29.4137, -11.3252, 15.3575



29.4132, -2.9500, -30.3958



29.4137, 12.4479, 14.7768

Square

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



29.4137, -2.9495, -30.3951



29.4137, 25.6082, 0.2465



29.4137, -0.1667, 16.2774



29.4137, -21.4674, 2.8941

Rectangle

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



29.4132, -2.9500, -30.3958



29.4137, 17.4221, -18.1612



29.4137, -0.1667, 16.2774



29.4137, -16.7071, 13.1547

Sweetspot

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



29.4137, -2.9495, -30.3951



56.8211, -8.6991, -9.3641



42.9102, -34.8345, 21.5654



26.3802, -4.2945, -5.1854



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



29.4137, -2.9495, -30.3951



38.6508, -3.2677, -41.2562



15.1041, 30.4220, -84.5466



23.2013, -1.9805, -0.0636



28.2126, -2.9031, -28.9963



2.8455, -1.0378, -1.3163

Inverse Universe

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



24.6817, 45.0518, -5.6631



32.7197, 59.6446, -6.8497



43.2908, -5.0439, 26.5866



22.5790, 1.2535, 0.2763



23.6384, 43.1621, -5.5053



1.9989, 3.7756, -1.4406

Previews

White Background



This preview shows how the HunterLab color 29.4132, -2.9500, -30.3958 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 29.4132, -2.9500, -30.3958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

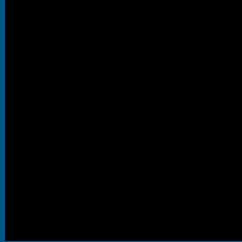
Any Text WCAG AA × Fail

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 29.4132, -2.9500, -30.3958 Background



This preview shows how black text looks on a background with the HunterLab color 29.4132, -2.9500, -30.3958.



This preview shows how white text looks on a background with the HunterLab color 29.4132, -2.9500, -30.3958.

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

29.4132, -2.9500, -30.3958

Protanopia

29.3855, 4.6178, -26.5845

Deuteranopia

29.6405, 2.0712, -30.5591



Tritanopia

29.2492, -14.0858, -6.1516

Trichromacy



Original Color

29.4132, -2.9500, -30.3958

Protanomaly

28.9601, 0.7338, -29.0695

Deuteranomaly

29.3637, -0.2300, -31.2304

Tritanomaly

29.1626, -10.4117, -13.9748

Monochromacy



Original Color

29.4132, -2.9500, -30.3958

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.9027, -4.7239, -9.3938

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.4132, -2.9500, -30.3958 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(0, 87, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 138)  
}
```

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(0, 87, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 29.4132, -2.9500, -30.3958 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(0, 87, 138) }
```


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

```
.border{ border-color:rgb(0, 87, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 87, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 87, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 87, 138)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.4132, -2.9500, -30.3958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 138) }
```

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

```
.background{ background-color: rgb(0, 87,  
138) }
```

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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