

Converting Colors

HunterLab(29.3183, -11.9512,
1.6677)

Have a look what the booklet for
HunterLab(29.3183, -11.9512,
1.6677) contains.

HunterLab(29.2822, -11.9514, 1.6713)	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(29.2822,
-11.9514, 1.6713)**

Conversions

Conversions Part 1

Format	Color
Hex	315A52
RGB	49, 90, 82
RGB Percent	19%, 35%, 32%
CMY	0.8078, 0.6471, 0.6784
CMYK	0.46, 0.00, 0.09, 0.65
HSL	168°, 29%, 27%
HSV	168°, 46%, 35%
XYZ	6.4458, 8.5745, 9.2979
YIQ	76.8290, -21.8680, -11.1800

Conversions

Conversions Part 2

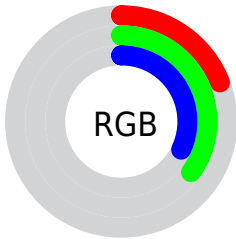
Format	Color
R_{YB}	49, 72, 90
Decimal	3234386
CIE _{Lab}	35.15, -16.58, 0.12
CIE _{LCh}	35, 16.583, 179.582
Yxy	8.5748, 0.2651, 0.3526
Android (android.graphics.Color)	4281424466 (0xFF315A52)
YUV	76.8290, 2.5493, -24.4060
Hunter-Lab	29.2822, -11.9514, 1.6713




Details

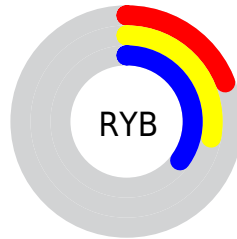
The HunterLab color $[29.2822, -11.9514, 1.6713]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[21.6008, 12.2229, 2.8985]$, and the grayscale version is $[27.1781, -1.4502, 1.4766]$.




A 20% lighter version of the original color is $[47.9495, -14.9982, 2.7324]$, and $[13.9102, -8.4999, 0.9624]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.8904, -13.5585, 1.8922]$, and if you desaturate by 10%, it is $[29.7464, -10.0988, 1.5343]$.

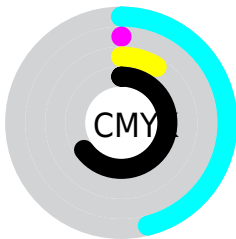
Distribution







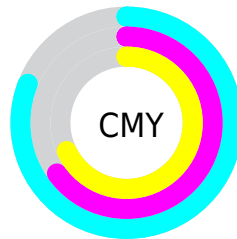
-  Red (19%)
-  Green (35%)
-  Blue (32%)






-  Red (19%)
-  Yellow (28%)
-  Blue (35%)



-  Cyan (46%)
-  Magenta (0%)
-  Yellow (9%)
-  Black (65%)



-  Cyan (81%)
-  Magenta (65%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2822, -11.9514, 1.6713 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 29.2822, -11.9514, 1.6713 by changing the saturation by 10% instead.

■ 29.2822, -11.9514,
1.6713

■ 29.2822, -11.9514,
1.6713

■ 134.2287,
-25.2874, 7.4357

■ 21.1303, -10.2723,
1.2199

■ 48.0394, -15.0845,
2.7066

■ 13.9172, -8.4554,
0.8182

■ 58.5147, -16.5857,
3.2831

■ 7.5525, -9.9710,
0.4775

■ 69.6571, -18.0616,
3.8955

0.0000, NaN, NaN

■ 81.4287, -19.5205,
4.5418

0.0000, NaN, NaN

■ 93.7975, -20.9686,
5.2203

0.0000, NaN, NaN

■ 106.7361,

0.0000, NaN, NaN

-22.4103, 5.9297

0.0000, NaN, NaN

120.2202,
-23.8490, 6.6685

■ 29.2822, -11.9514,
1.6713

■ 29.2822, -11.9514,
1.6713

■ 28.8904, -13.5585,
1.8922

■ 29.7464, -10.0988,
1.5343

■ 28.5675, -14.9140,
2.1918

■ 30.2821, -8.0101,
1.4823

■ 28.3112, -16.0194,
2.5647

■ 30.8897, -5.6997,
1.5162

■ 28.1173, -16.8828,
3.0030

■ 31.5685, -3.1847,
1.6352

■ 27.9685, -17.5685,
3.4834

■ 32.3172, -0.4839,
1.8371

■ 27.9038, -17.8681,
3.6947

■ 33.1338, 2.3828,
2.1187

■ 34.0162, 5.3959,
2.4761

■ 34.9617, 8.5365,
2.9048

■ 35.9679, 11.7866,
3.4000

Harmonies

Analogous

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



29.2828, -10.6175, 6.4954



29.2822, -11.9514, 1.6713



29.2828, -10.6890, -4.1741

Triad

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



29.2828, -11.9517, 1.6717



29.2828, 4.1779, -9.2789



29.2828, 4.3305, 9.3793

Complementary

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



29.2822, -11.9514, 1.6713



21.6008, 12.2229, 2.8985

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.



29.2828, 8.8363, 6.3847



29.2822, -11.9514, 1.6713



29.2828, 8.7434, -4.3355

Square

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



29.2828, -11.9517, 1.6717



29.2828, -1.6458, -11.2002



29.2828, 10.5098, 1.5160



29.2828, -1.4821, 10.3780

Rectangle

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



29.2822, -11.9514, 1.6713



29.2828, -8.4835, -7.7424



29.2828, 10.5098, 1.5160



29.2828, 6.0643, 8.6058

Sweetspot

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



29.2828, -11.9517, 1.6717



40.9504, -7.1851, 2.0173



29.0003, -14.3764, 11.6771



20.0738, -3.7537, 0.9845



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.



29.2828, -11.9517, 1.6717



38.1545, -18.1710, 2.5458



26.0724, -5.8121, -6.0335



16.1663, -2.0820, 0.8186



34.3296, -22.0671, 4.7275



80.2566, -52.1129, 12.1830

Inverse Universe

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



21.6008, 12.2229, 2.8985



25.9141, 20.8101, 4.7596



24.0110, 5.9745, 7.7246



15.3446, 0.4551, 0.9246



18.2981, 31.6401, 9.4671



42.6964, 73.5860, 23.9680

Previews

White Background



This preview shows how the HunterLab color 29.2822, -11.9514, 1.6713 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 29.2822, -11.9514, 1.6713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

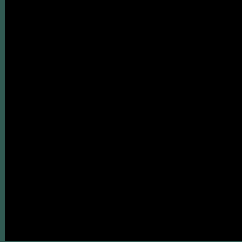
Any Text WCAG AA × Fail

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 29.2822, -11.9514, 1.6713 Background



This preview shows how black text looks on a background with the HunterLab color 29.2822, -11.9514, 1.6713.



This preview shows how white text looks on a background with the HunterLab color 29.2822,

-11.9514, 1.6713.

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

29.2822, -11.9514, 1.6713

Protanopia

29.1821, -1.2858, 3.3152

Deuteranopia

29.1569, 1.5559, 0.9378



Tritanopia

29.2618, -8.3643, -4.0519

Trichromacy



Original Color

29.2822, -11.9514, 1.6713

Protanomaly

29.0504, -5.7850, 2.7023

Deuteranomaly

29.0190, -4.3071, 1.0857

Tritanomaly

29.3479, -9.7930, -1.6289

Monochromacy



Original Color

29.2822, -11.9514, 1.6713

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.9149, -5.7312, 1.3895

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2822, -11.9514, 1.6713 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(49, 90, 82)` looks like.

```
.text, #text, p{  
  color:rgb(49, 90, 82)  
}
```

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(49, 90, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 90, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2822, -11.9514, 1.6713 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(49, 90, 82) }
```


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

```
.border{ border-color:rgb(49, 90, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 90, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 90, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 90, 82);  
box-shadow:4px 4px 4px 4px rgb(49, 90, 82)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.2822, -11.9514, 1.6713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 90, 82) }
```

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

```
.background{ background-color: rgb(49, 90,  
82) }
```

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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