

Converting Colors

HunterLab(29.0372, -15.6872,
2.1977)

Have a look what the booklet for
HunterLab(29.0372, -15.6872,
2.1977) contains.

HunterLab(29.1211, -15.6922, 2.2176)	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(29.1211,
-15.6922, 2.2176)**

Conversions

Conversions Part 1

Format	Color
Hex	1C5C50
RGB	28, 92, 80
RGB Percent	11%, 36%, 31%
CMY	0.8902, 0.6392, 0.6863
CMYK	0.70, 0.00, 0.13, 0.64
HSL	169°, 53%, 24%
HSV	169°, 70%, 36%
XYZ	5.7540, 8.4804, 8.9231
YIQ	71.4960, -34.2920, -17.3000

Conversions

Conversions Part 2

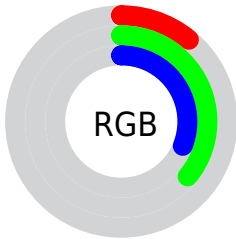
Format	Color
R_{YB}	28, 63, 92
Decimal	1858640
CIE _{Lab}	34.96, -23.34, 1.00
CIE _{LCh}	35, 23.366, 177.554
Yxy	8.4807, 0.2485, 0.3662
Android (android.graphics.Color)	4280048720 (0xFF1C5C50)
YUV	71.4960, 4.1925, -38.1460
Hunter-Lab	29.1211, -15.6922, 2.2176




Details

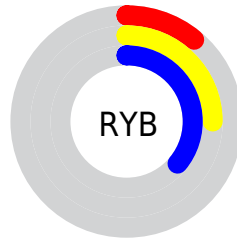
The HunterLab color **29.1211, -15.6922, 2.2176** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18.0534, 19.9411, 4.8796**, and the grayscale version is **25.2726, -1.3485, 1.3731**.




A 20% lighter version of the original color is **47.9367, -19.9231, 3.5018**, and **14.1568, -8.9274, 1.5769** is the 20% darker color. If you saturate the color by 10%, you get **28.8879, -16.7106, 2.6081**, and if you desaturate by 10%, it is **29.4223, -14.4199, 1.9012**.

Distribution







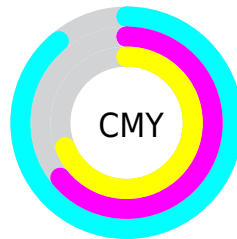
-  Red (11%)
-  Green (36%)
-  Blue (31%)






-  Red (11%)
-  Yellow (25%)
-  Blue (36%)



-  Cyan (70%)
-  Magenta (0%)
-  Yellow (13%)
-  Black (64%)



-  Cyan (89%)
-  Magenta (64%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1211, -15.6922, 2.2176 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 29.1211, -15.6922, 2.2176 by changing the saturation by 10% instead.

■ 29.1211, -15.6922,
2.2176

■ 29.1211, -15.6922,
2.2176

■ 133.9609,
-32.3580, 8.3519

■ 20.9858, -13.4580,
1.7080

■ 47.8493, -19.7603,
3.3536

■ 13.7915, -10.9922,
1.2403

■ 58.3117, -21.6696,
3.9750

■ 7.4136, -12.9738,
0.9611

■ 69.4419, -23.5248,
4.6295

0.0000, NaN, NaN

■ 81.2020, -25.3395,
5.3157

0.0000, NaN, NaN

■ 93.5599, -27.1237,
6.0322

0.0000, NaN, NaN

■ 106.4880,

0.0000, NaN, NaN

-28.8845, 6.7777

0.0000, NaN, NaN

119.9621,
-30.6278, 7.5513

29.1211, -15.6922,
2.2176

29.1211, -15.6922,
2.2176

28.8879, -16.7106,
2.6081

29.4223, -14.4199,
1.9012

28.7159, -17.4866,
3.0630

29.7932, -12.8888,
1.6646

28.5706, -18.1582,
3.5383

30.2368, -11.1018,
1.5130

28.5643, -18.1875,
3.5588

30.7542, -9.0672,
1.4493

31.3458, -6.7981,
1.4744

■ 32.0111, -4.3108,
1.5879

■ 32.7488, -1.6242,
1.7880

■ 33.5573, 1.2417,
2.0715

■ 34.4344, 4.2667,
2.4345

Harmonies

Analogous

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



29.1217, -13.7018, 8.5381



29.1211, -15.6922, 2.2176



29.1217, -14.2564, -6.2410

Triad

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



29.1217, -15.6924, 2.2179



29.1217, 6.1025, -15.0925



29.1217, 7.3949, 11.6140

Complementary

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



29.1211, -15.6922, 2.2176



18.0534, 19.9411, 4.8796

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.



29.1217, 13.7818, 7.7045



29.1211, -15.6922, 2.2176



29.1217, 12.9795, -7.6636

Square

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



29.1217, -15.6924, 2.2179



29.1217, -2.2252, -17.7323



29.1217, 15.9294, 0.9379



29.1217, -0.8796, 12.9409

Rectangle

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



29.1211, -15.6922, 2.2176



29.1217, -11.4502, -11.7956



29.1217, 15.9294, 0.9379



29.1217, 9.8670, 10.6227

Sweetspot

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



29.1217, -15.6924, 2.2179



41.2960, -9.6495, 1.9338



28.6458, -19.3256, 15.0389



20.6065, -5.1037, 0.9632



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



29.1217, -15.6924, 2.2179



38.0697, -22.7668, 3.8063



23.9974, -6.4377, -10.3428



16.1671, -2.0773, 0.8066



34.3500, -21.9435, 4.4351



80.3065, -51.8099, 11.4666

Inverse Universe

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



18.0534, 19.9411, 4.8796



21.5468, 31.4538, 8.5393



20.9965, 11.2729, 10.0325



15.3438, 0.4507, 0.9364



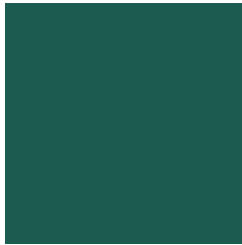
18.2897, 31.6088, 9.5920



42.6799, 73.5251, 24.2115

Previews

White Background



This preview shows how the HunterLab color 29.1211, -15.6922, 2.2176 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

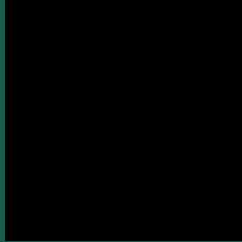
Any Text WCAG AA × Fail

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 29.1211, -15.6922, 2.2176 Background



This preview shows how black text looks on a background with the HunterLab color 29.1211, -15.6922, 2.2176.



This preview shows how white text looks on a background with the HunterLab color 29.1211, -15.6922, 2.2176.

-15.6922, 2.2176.

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

29.1211, -15.6922, 2.2176

Protanopia

29.0866, -1.8090, 4.6855

Deuteranopia

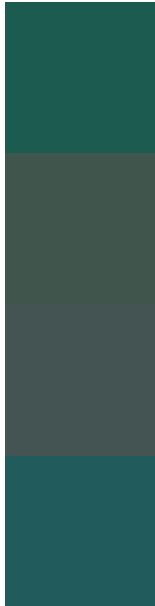
28.8797, 1.8563, 1.0270



Tritanopia

29.2412, -11.2408, -5.1094

Trichromacy



Original Color

29.1211, -15.6922, 2.2176

Protanomaly

28.7530, -8.4343, 3.4707

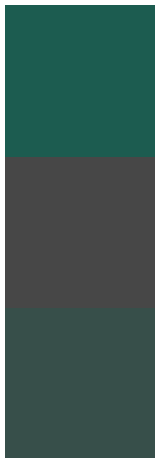
Deuteranomaly

28.5362, -6.1014, 0.8914

Tritanomaly

29.2589, -13.0333, -2.2552

Monochromacy



Original Color

29.1211, -15.6922, 2.2176

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

26.2652, -7.8547, 1.4225

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.1211, -15.6922, 2.2176 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(28, 92, 80)` looks like.

```
.text, #text, p{  
    color:rgb(28, 92, 80)  
}
```

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(28, 92, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 92, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1211, -15.6922, 2.2176 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(28, 92, 80) }
```


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

```
.border{ border-color:rgb(28, 92, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 92, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 92, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 92, 80);  
box-shadow:4px 4px 4px 4px rgb(28, 92, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.1211, -15.6922, 2.2176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 92, 80) }
```

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

```
.background{ background-color: rgb(28, 92,  
80) }
```

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