

Converting Colors

HunterLab(18.9716, -2.6501,
-0.0888)

Have a look what the booklet for
HunterLab(18.9716, -2.6501,
-0.0888) contains.

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Color

**HunterLab(19.0322, -2.8036,
0.0231)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3738
RGB	47, 55, 56
RGB Percent	18%, 22%, 22%
CMY	0.8157, 0.7843, 0.7804
CMYK	0.16, 0.02, 0.00, 0.78
HSL	187°, 9%, 20%
HSV	187°, 16%, 22%
XYZ	3.2523, 3.6222, 4.2691
YIQ	52.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

Format	Color
R_YB	47, 51, 56
Decimal	3094328
CIE _{Lab}	22.38, -3.11, -1.77
CIE _{LCh}	22, 3.579, 209.642
Yxy	3.6224, 0.2919, 0.3251
Android (android.graphics.Color)	4281284408 (0xFF2F3738)
YUV	52.7220, 1.6161, -5.0182
Hunter-Lab	19.0322, -2.8036, 0.0231

Details

The HunterLab color **19.0322, -2.8036, 0.0231** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.7761, 1.0346, 2.0015**, and the grayscale version is **18.7708, -1.0016, 1.0199**.

A 20% lighter version of the original color is **35.7899, -4.2107, 0.7223**, and **5.1808, -2.4401, -1.2080** is the 20% darker color. If you saturate the color by 10%, you get **18.5447, -3.7575, -0.6006**, and if you desaturate by 10%, it is **19.5540, -1.7483, 0.6740**.

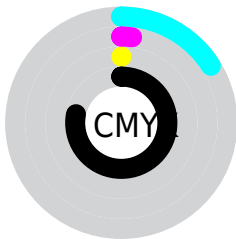
Distribution



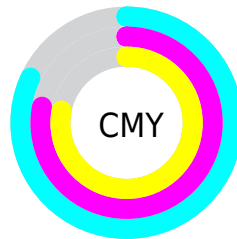
- Red (18%)
- Green (22%)
- Blue (22%)



- Red (18%)
- Yellow (20%)
- Blue (22%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (78%)



- Cyan (82%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0322, -2.8036, 0.0231 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 19.0322, -2.8036, 0.0231 by changing the saturation by 10% instead.

■ 19.0322, -2.8036,
0.0231

■ 19.0322, -2.8036,
0.0231

■ 116.4306, -9.5312,
4.5199

■ 12.1023, -2.1732,
-0.2201

■ 35.7049, -4.1258,
0.7060

■ 5.1348, -2.9140,
-1.1495

■ 45.2608, -4.8231,
1.1277

0.0000, NaN, NaN

■ 55.5436, -5.5456,
1.5958

0.0000, NaN, NaN

■ 66.5053, -6.2936,
2.1064

0.0000, NaN, NaN

■ 78.1059, -7.0665,
2.6564

0.0000, NaN, NaN

■ 90.3122, -7.8641,

0.0000, NaN, NaN

103.0954, -8.6858,
3.8651

■ 19.0322, -2.8036,
0.0231

■ 19.0322, -2.8036,
0.0231

■ 18.5447, -3.7575,
-0.6006

■ 19.5540, -1.7483,
0.6740

■ 18.0911, -4.6013,
-1.1947

■ 20.1078, -0.5987,
1.3478

■ 17.6727, -5.3285,
-1.7556

■ 20.6928, 0.6367,
2.0418

■ 17.2897, -5.9332,
-2.2802

■ 21.3078, 1.9502,
2.7531

■ 16.9423, -6.4113,
-2.7657

■ 21.9514, 3.3340,
3.4791

■ 16.6301, -6.7610,
-3.2101

■ 22.6223, 4.7811,
4.2176

■ 16.3494, -6.9936,
-3.6162

■ 23.3193, 6.2847,
4.9665

■ 16.0728, -7.2133,
-4.0240

■ 24.0410, 7.8390,
5.7240

■ 15.9634, -7.3031,
-4.1875

■ 24.7862, 9.4385,
6.4887

Harmonies

Analogous

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



19.0326, -3.0672, 1.0484



19.0322, -2.8036, 0.0231



19.0326, -2.0642, -0.7658

Triad

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



19.0326, -2.8039, 0.0234



19.0326, 0.8258, 0.0007



19.0326, -1.0035, 2.9237

Complementary

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



19.0322, -2.8036, 0.0231



17.7761, 1.0346, 2.0015

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.



19.0326, 0.0542, 2.6772



19.0322, -2.8036, 0.0231



19.0326, 1.1248, 1.0235

Square

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



19.0326, -2.8039, 0.0234



19.0326, 0.0311, -0.7794



19.0326, 0.8393, 1.9958



19.0326, -2.0420, 2.6885

Rectangle

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



19.0322, -2.8036, 0.0231



19.0326, -1.3919, -1.0313



19.0326, 0.8393, 1.9958



19.0326, -0.6383, 2.8946

Sweetspot

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



19.0326, -2.8039, 0.0234



25.7712, -2.1802, 0.9574



19.0928, -4.2621, 3.0401



13.7904, -1.1857, 0.5017



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



19.0326, -2.8039, 0.0234



24.7722, -4.1927, -0.2936



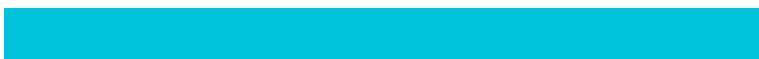
17.9521, -1.0639, -1.3134



10.5454, -1.0831, 0.2846



25.9712, -11.6967, -7.2120



66.4382, -29.4036, -19.5680

Inverse Universe

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



17.7474, 2.5058, -1.0959



22.6893, 4.4540, -2.1367



18.8093, -0.7456, 3.0998



10.1782, 0.4207, -0.0254



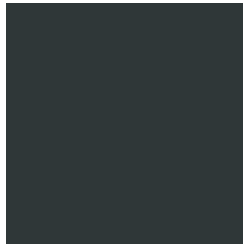
16.9360, 32.5653, -16.6676



43.6403, 83.7590, -41.7511

Previews

White Background



This preview shows how the HunterLab color 19.0322, -2.8036, 0.0231 looks on a white background.

Color Contrast Check

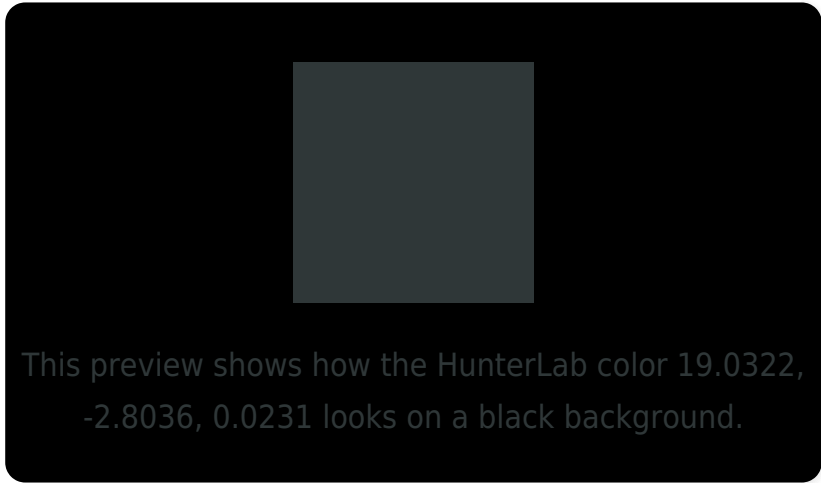
Large Text (above 18pt) WCAG AA ✓ Pass

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

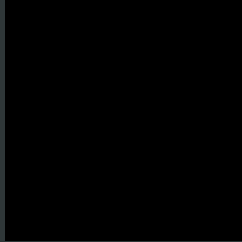
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

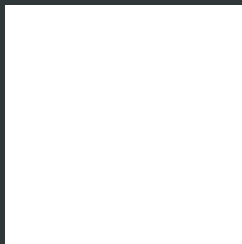
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 19.0322, -2.8036, 0.0231 Background



This preview shows how black text looks on a background with the HunterLab color 19.0322, -2.8036, 0.0231.



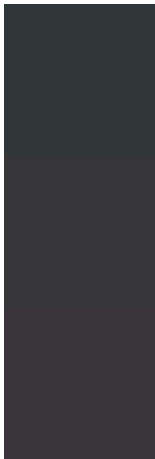
This preview shows how white text looks on a background with the HunterLab color 19.0322, -2.8036, 0.0231.

0.0231.

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

19.0322, -2.8036, 0.0231

Protanopia

18.9903, -0.4849, 0.4086

Deuteranopia

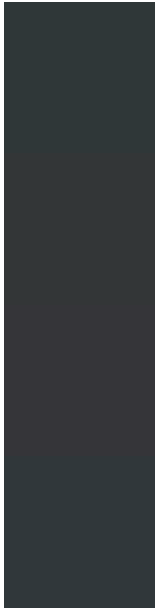
19.0296, 0.9719, -0.3175



Tritanopia

19.1743, -2.1403, -1.0168

Trichromacy



Original Color

19.0322, -2.8036, 0.0231

Protanomaly

19.0210, -1.6239, 0.4257

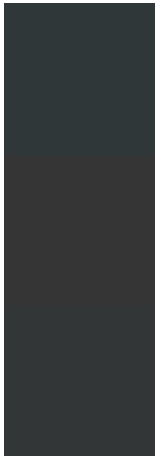
Deuteranomaly

18.9697, -0.4528, -0.4174

Tritanomaly

19.1474, -2.2889, -0.6368

Monochromacy



Original Color

19.0322, -2.8036, 0.0231

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.9960, -1.7616, 0.7814

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0322, -2.8036, 0.0231 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(47, 55, 56)` looks like.

```
.text, #text, p{  
    color:rgb(47, 55, 56)  
}
```

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(47, 55, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 55, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0322, -2.8036, 0.0231 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(47, 55, 56) }
```


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

```
.border{ border-color:rgb(47, 55, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 55, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 55, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 55, 56);  
box-shadow:4px 4px 4px 4px rgb(47, 55, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.0322, -2.8036, 0.0231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 55, 56) }
```

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

```
.background{ background-color: rgb(47, 55,  
56) }
```

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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