

Converting Colors

HunterLab(18.1239, 1.0822,
-16.9285)

Have a look what the booklet for
HunterLab(18.1239, 1.0822,
-16.9285) contains.

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Color

**HunterLab(18.1239, 1.0822,
-16.9285)**

Conversions

Conversions Part 1

Format	Color
Hex	1D3355
RGB	29, 51, 85
RGB Percent	11%, 20%, 33%
CMY	0.8863, 0.8000, 0.6667
CMYK	0.66, 0.40, 0.00, 0.67
HSL	216°, 49%, 22%
HSV	216°, 66%, 33%
XYZ	3.3302, 3.2848, 9.0528
YIQ	48.2980, -24.0260, 5.9100

Conversions

Conversions Part 2

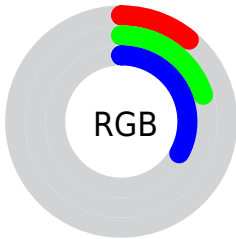
Format	Color
RYB	29, 45, 85
Decimal	1913685
CIELab	21.15, 3.48, -23.24
CIELCh	21, 23.499, 278.524
Yxy	3.2849, 0.2126, 0.2097
Android (android.graphics.Color)	4280103765 (0xFF1D3355)
YUV	48.2980, 18.0941, -16.9243
Hunter-Lab	18.1239, 1.0822, -16.9285




Details

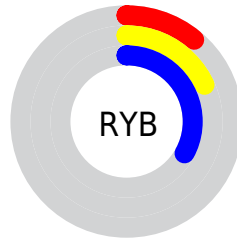
The HunterLab color **18.1239, 1.0822, -16.9285** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **23.6122, 2.1151, 11.6675**, and the grayscale version is **17.2392, -0.9198, 0.9366**.




A 20% lighter version of the original color is **34.5846, 0.7531, -17.9717**, and **4.8993, 6.9622, -21.1530** is the 20% darker color. If you saturate the color by 10%, you get **16.5875, 2.2792, -20.4587**, and if you desaturate by 10%, it is **19.7551, 0.1515, -13.6184**.

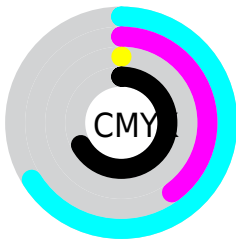
Distribution







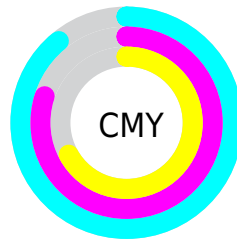
-  Red (11%)
-  Green (20%)
-  Blue (33%)






-  Red (11%)
-  Yellow (18%)
-  Blue (33%)



-  Cyan (66%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (89%)
-  Magenta (80%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1239, 1.0822, -16.9285 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 18.1239, 1.0822, -16.9285 by changing the saturation by 10% instead.

■ 18.1239, 1.0822,
-16.9285

■ 18.1239, 1.0822,
-16.9285

■ 114.7598, -2.3938,
-19.8996

■ 11.3234, 1.1620,
-16.5701

■ 34.5814, 0.6769,
-17.9314

■ 3.5688, 4.0621,
-30.8028

■ 44.0440, 0.3777,
-18.3911

0.0000, NaN, -NF

■ 54.2401, 0.0248,
-18.7931

0.0000, NaN, NaN

■ 65.1205, -0.3765,
-19.1333

0.0000, NaN, NaN

■ 76.6444, -0.8220,
-19.4118

0.0000, NaN, NaN

■ 88.7777, -1.3084,

0.0000, NaN, NaN

-19.6307

0.0000, NaN, NaN

101.4913, -1.8331,
-19.7924

18.1239, 1.0822,
-16.9285

18.1239, 1.0822,
-16.9285

16.5875, 2.2792,
-20.4587

19.7551, 0.1515,
-13.6184

15.1586, 3.7738,
-24.2087

21.4682, -0.5478,
-10.5167

13.8248, 5.5024,
-28.2434

23.2537, -1.0481,
-7.6028

13.2870, 6.2290,
-30.0542

25.1031, -1.3782,
-4.8545

27.0096, -1.5631,
-2.2502

■ 28.9673, -1.6236,
0.2301

■ 30.9714, -1.5771,
2.6041

■ 33.0179, -1.4382,
4.8873

■ 35.1032, -1.2189,
7.0930

Harmonies

Analogous

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



18.1242, -5.6627, -15.5535



18.1239, 1.0822, -16.9285



18.1242, 8.2575, -12.2565

Triad

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



18.1242, 1.0824, -16.9281



18.1242, 10.8852, 7.3140



18.1242, -11.9233, 5.0963

Complementary

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



18.1239, 1.0822, -16.9285



23.6122, 2.1151, 11.6675

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.



18.1242, -8.6523, 8.4463



18.1239, 1.0822, -16.9285



18.1242, 4.2592, 9.3444

Square

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



18.1242, 1.0824, -16.9281



18.1242, 14.4564, 2.7933



18.1242, -2.9311, 9.6618



18.1242, -12.5067, -1.0278

Rectangle

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



18.1239, 1.0822, -16.9285



18.1242, 12.0824, -7.1077



18.1242, -2.9311, 9.6618



18.1242, -11.1286, 6.5047

Sweetspot

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



18.1242, 1.0824, -16.9281



34.0679, -1.9474, -4.5414



26.6698, -15.6072, 5.8354



17.0295, -0.9640, -2.5940



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



18.1242, 1.0824, -16.9281



20.5727, 4.0422, -29.4795



13.7302, 11.8392, -28.4448



14.7481, -0.8403, -0.2511



16.5067, 8.8494, -39.7354



36.9553, 26.0318, -102.3862

Inverse Universe

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



17.4620, 18.3378, 0.4465



20.4997, 28.8544, 1.9206



28.7494, -8.5371, 15.1682



14.5991, 0.5232, 0.5898



18.1650, 32.0313, 4.5821



42.8598, 75.2081, 13.6695

Previews

White Background



This preview shows how the HunterLab color 18.1239, 1.0822, -16.9285 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

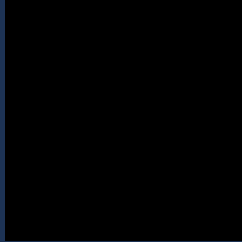
Any Text WCAG AA × Fail

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 18.1239, 1.0822, -16.9285 Background



This preview shows how black text looks on a background with the HunterLab color 18.1239, 1.0822, -16.9285.



This preview shows how white text looks on a background with the HunterLab color 18.1239, 1.0822, -16.9285.

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

18.1239, 1.0822, -16.9285

Protanopia

18.2061, 2.4919, -16.0527

Deuteranopia

18.0843, 0.9488, -17.0168



Tritanopia

18.0517, -7.4870, -3.5082

Trichromacy



Original Color

18.1239, 1.0822, -16.9285

Protanomaly

18.0593, 2.0074, -16.3736

Deuteranomaly

18.0843, 0.9488, -17.0168

Tritanomaly

17.9415, -4.6028, -8.1733

Monochromacy



Original Color

18.1239, 1.0822, -16.9285

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.3348, -0.9368, -4.4349

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1239, 1.0822, -16.9285 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(29, 51, 85)` looks like.

```
.text, #text, p{  
    color:rgb(29, 51, 85)  
}
```

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(29, 51, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 51, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1239, 1.0822, -16.9285 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(29, 51, 85) }
```


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

```
.border{ border-color:rgb(29, 51, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 51, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 51, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 51, 85);  
box-shadow:4px 4px 4px 4px rgb(29, 51, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1239, 1.0822, -16.9285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 51, 85) }
```

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

```
.background{ background-color: rgb(29, 51,  
85) }
```

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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