

Converting Colors

HunterLab(15.9207, -2.1821,
-4.0119)

Have a look what the booklet for
HunterLab(15.9207, -2.1821,
-4.0119) contains.

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Color

**HunterLab(16.0089, -2.1697,
-4.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	212E38
RGB	33, 46, 56
RGB Percent	13%, 18%, 22%
CMY	0.8706, 0.8196, 0.7804
CMYK	0.41, 0.18, 0.00, 0.78
HSL	206°, 26%, 17%
HSV	206°, 41%, 22%
XYZ	2.3180, 2.5628, 4.1139
YIQ	43.2530, -10.9580, 0.3540

Conversions

Conversions Part 2

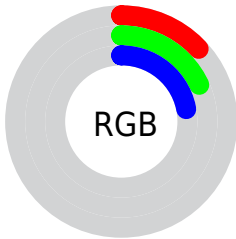
Format	Color
R_{YB}	33, 41, 56
Decimal	2174520
CIE _{Lab}	18.20, -2.42, -8.14
CIE _{LCh}	18, 8.496, 253.463
Yxy	2.5629, 0.2577, 0.2849
Android (android.graphics.Color)	4280364600 (0xFF212E38)
YUV	43.2530, 6.2843, -8.9919
Hunter-Lab	16.0089, -2.1697, -4.0298

Details

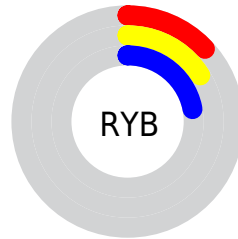
The HunterLab color **16.0089, -2.1697, -4.0298** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.3657, 1.5650, 4.8989**, and the grayscale version is **15.6085, -0.8328, 0.8480**.

A 20% lighter version of the original color is **32.0207, -3.5399, -4.0908**, and **1.6292, 4.4193, -11.5765** is the 20% darker color. If you saturate the color by 10%, you get **15.1435, -2.2066, -5.3557**, and if you desaturate by 10%, it is **16.9081, -2.0315, -2.7366**.

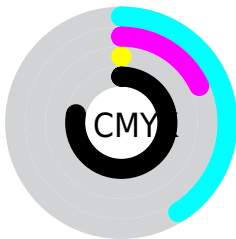
Distribution



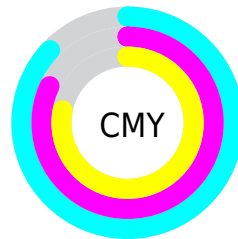
- Red (13%)
- Green (18%)
- Blue (22%)



- Red (13%)
- Yellow (16%)
- Blue (22%)



- Cyan (41%)
- Magenta (18%)
- Yellow (0%)
- Black (78%)



- Cyan (87%)
- Magenta (82%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0089, -2.1697, -4.0298 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 16.0089, -2.1697, -4.0298 by changing the saturation by 10% instead.

■ 16.0089, -2.1697,
-4.0298

■ 16.0089, -2.1697,
-4.0298

■ 110.7899, -8.4530,
-2.4442

■ 9.5293, -1.6180,
-3.8324

■ 31.9391, -3.3711,
-4.1358

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.1742, -4.0145,
-4.0682

0.0000, NaN, NaN

■ 51.1596, -4.6864,
-3.9328

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8427, -5.3863,
-3.7368

0.0000, NaN, NaN

■ 73.1806, -6.1137,
-3.4858

0.0000, NaN, NaN

■ 85.1374, -6.8677,

0.0000, NaN, NaN

-3.1843

97.6827, -7.6477,
-2.8361

16.0089, -2.1697,
-4.0298

16.0089, -2.1697,
-4.0298

15.1435, -2.2066,
-5.3557

16.9081, -2.0315,
-2.7366

14.3138, -2.1306,
-6.7148

17.8376, -1.8019,
-1.4761

13.5229, -1.9306,
-8.1051

18.7955, -1.4906,
-0.2466

12.7737, -1.5962,
-9.5230

19.7796, -1.1062,
0.9537

12.0500, -1.1854,
-11.0047

20.7880, -0.6564,
2.1270

■ 11.4016, -0.8367,
-12.4449

■ 21.8190, -0.1479,
3.2754

■ 22.8711, 0.4134,
4.4012

■ 23.9429, 1.0222,
5.5065

■ 25.0332, 1.6740,
6.5933

Harmonies

Analogous

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



16.0092, -4.1228, -2.5160



16.0089, -2.1697, -4.0298



16.0092, 0.2530, -4.1100

Triad

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



16.0092, -2.1698, -4.0295



16.0092, 3.9725, 1.8769



16.0092, -3.9589, 3.7864

Complementary

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



16.0089, -2.1697, -4.0298



16.3657, 1.5650, 4.8989

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.



16.0092, -1.9338, 4.6354



16.0089, -2.1697, -4.0298



16.0092, 2.6978, 3.6498

Square

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



16.0092, -2.1698, -4.0295



16.0092, 3.8998, -0.4529



16.0092, 0.5036, 4.5895



16.0092, -5.1126, 2.0915

Rectangle

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



16.0089, -2.1697, -4.0298



16.0092, 1.8174, -3.3210



16.0092, 0.5036, 4.5895



16.0092, -3.3630, 4.1680

Sweetspot

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



16.0092, -2.1698, -4.0295



24.5193, -2.0298, -0.5713



18.2371, -7.6719, 3.6832



13.1156, -1.0915, -0.3227



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.



16.0092, -2.1698, -4.0295



19.8653, -2.9005, -7.1194



13.3556, 2.4021, -8.3377



10.3441, -0.7556, 0.0457



17.9311, -0.0613, -22.2801



44.1979, 3.5393, -62.8838

Inverse Universe

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



14.5801, 7.1477, -1.4020



17.6901, 12.1579, -2.3908



19.0594, -2.9494, 7.2164



10.1573, 0.3082, 0.2715



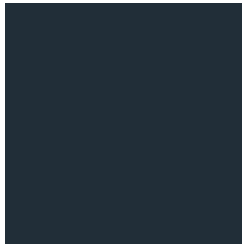
15.8491, 28.7001, -1.8356



40.6949, 73.2644, -1.4021

Previews

White Background



This preview shows how the HunterLab color 16.0089, -2.1697, -4.0298 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

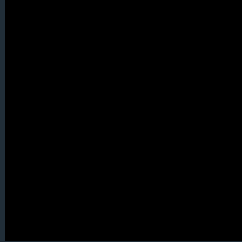
Any Text WCAG AA × Fail

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 16.0089, -2.1697, -4.0298 Background



This preview shows how black text looks on a background with the HunterLab color 16.0089, -2.1697, -4.0298.



This preview shows how white text looks on a background with the HunterLab color 16.0089, -2.1697, -4.0298.

-4.0298.

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

16.0089, -2.1697, -4.0298

Protanopia

16.0295, 0.2902, -3.4867

Deuteranopia

16.0904, 0.6190, -4.3378



Tritanopia

16.0596, -3.5438, -1.7289

Trichromacy



Original Color

16.0089, -2.1697, -4.0298

Protanomaly

16.0746, -0.7618, -3.4397

Deuteranomaly

16.1354, -0.4299, -4.2887

Tritanomaly

16.1157, -3.2280, -2.5177

Monochromacy



Original Color

16.0089, -2.1697, -4.0298

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.6400, -1.4523, -0.9887

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0089, -2.1697, -4.0298 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(33, 46, 56)` looks like.

```
.text, #text, p{  
    color:rgb(33, 46, 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(33, 46, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 46, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0089, -2.1697, -4.0298 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(33, 46, 56) }
```


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

```
.border{ border-color:rgb(33, 46, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 46, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 46, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 46, 56);  
box-shadow:4px 4px 4px 4px rgb(33, 46, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.0089, -2.1697, -4.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 46, 56) }
```

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

```
.background{ background-color: rgb(33, 46,  
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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