

Converting Colors

HunterLab(16.5787, -1.5348,
-4.1118)

Have a look what the booklet for
HunterLab(16.5787, -1.5348,
-4.1118) contains.

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Color

**HunterLab(16.5283, -1.4589,
-4.2004)**

Conversions

Conversions Part 1

Format	Color
Hex	252F3A
RGB	37, 47, 58
RGB Percent	15%, 18%, 23%
CMY	0.8549, 0.8157, 0.7725
CMYK	0.36, 0.19, 0.00, 0.77
HSL	211°, 22%, 19%
HSV	211°, 36%, 23%
XYZ	2.5432, 2.7318, 4.3963
YIQ	45.2640, -9.4910, 1.3010

Conversions

Conversions Part 2

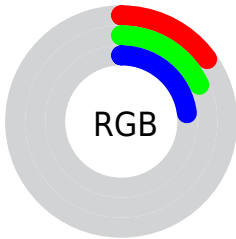
Format	Color
RYB	37, 44, 58
Decimal	2436922
CIELab	18.94, -1.04, -8.38
CIElCh	19, 8.441, 262.932
Yxy	2.7320, 0.2630, 0.2825
Android (android.graphics.Color)	4280627002 (0xFF252F3A)
YUV	45.2640, 6.2788, -7.2475
Hunter-Lab	16.5283, -1.4589, -4.2004

Details

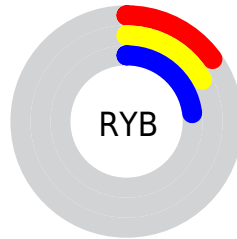
The HunterLab color **16.5283, -1.4589, -4.2004** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.7399, 0.5082, 5.0902**, and the grayscale version is **16.2687, -0.8681, 0.8839**.

A 20% lighter version of the original color is **32.6228, -2.6809, -4.2343**, and **2.3706, 3.1611, -9.7870** is the 20% darker color. If you saturate the color by 10%, you get **15.4873, -1.3524, -5.8054**, and if you desaturate by 10%, it is **17.6050, -1.4664, -2.6591**.

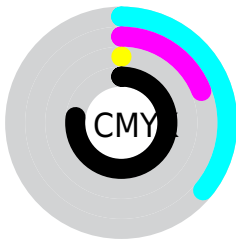
Distribution



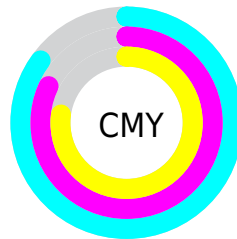
- Red (15%)
- Green (18%)
- Blue (23%)



- Red (15%)
- Yellow (17%)
- Blue (23%)



- Cyan (36%)
- Magenta (19%)
- Yellow (0%)
- Black (77%)



- Cyan (85%)
- Magenta (82%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5283, -1.4589, -4.2004 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 16.5283, -1.4589, -4.2004 by changing the saturation by 10% instead.

■ 16.5283, -1.4589,
-4.2004

■ 16.5283, -1.4589,
-4.2004

■ 111.7759, -7.0653,
-2.6662

■ 9.9672, -1.0179,
-3.9991

■ 32.5917, -2.4652,
-4.3169

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.8841, -3.0252,
-4.2551

0.0000, NaN, NaN

■ 51.9225, -3.6203,
-4.1257

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.6551, -4.2487,
-3.9357

0.0000, NaN, NaN

■ 74.0397, -4.9086,
-3.6906

0.0000, NaN, NaN

■ 86.0408, -5.5989,

0.0000, NaN, NaN

-3.3950

98.6283, -6.3181,
-3.0525

16.5283, -1.4589,
-4.2004

16.5283, -1.4589,
-4.2004

15.4873, -1.3524,
-5.8054

17.6050, -1.4664,
-2.6591

14.4845, -1.1329,
-7.4804

18.7132, -1.3864,
-1.1764

13.5244, -0.7859,
-9.2292

19.8505, -1.2296,
0.2538

12.6115, -0.2963,
-11.0536

21.0146, -1.0048,
1.6374

11.7474, 0.3400,
-12.9591

22.2033, -0.7202,
2.9795

■ 10.8966, 0.9998,
-15.0493

■ 23.4148, -0.3822,
4.2850

■ 10.5742, 1.2466,
-15.9078

■ 24.6476, 0.0032,
5.5584

■ 25.9002, 0.4312,
6.8034

■ 27.1713, 0.8974,
8.0236

Harmonies

Analogous

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



16.5286, -3.6304, -3.0950



16.5283, -1.4589, -4.2004



16.5286, 0.9951, -3.7879

Triad

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



16.5286, -1.4591, -4.2001



16.5286, 3.6884, 2.5539



16.5286, -4.4799, 3.3817

Complementary

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



16.5283, -1.4589, -4.2004



17.7399, 0.5082, 5.0902

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.



16.5286, -2.6804, 4.5209



16.5283, -1.4589, -4.2004



16.5286, 2.0568, 4.0938

Square

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



16.5286, -1.4591, -4.2001



16.5286, 4.0623, 0.3381



16.5286, -0.2985, 4.7612



16.5286, -5.3073, 1.4422

Rectangle

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



16.5283, -1.4589, -4.2004



16.5286, 2.4535, -2.7333



16.5286, -0.2985, 4.7612



16.5286, -3.9738, 3.8587

Sweetspot

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



16.5286, -1.4591, -4.2001



25.3130, -1.7397, -0.6623



19.0569, -7.0622, 2.9695



13.0763, -0.9029, -0.3689



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.



16.5286, -1.4591, -4.2001



20.5215, -1.8012, -7.4052



14.2426, 2.6593, -7.8414



10.2891, -0.6652, -0.0202



15.9673, 3.5063, -27.5268



38.8826, 13.7619, -78.3078

Inverse Universe

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



15.5820, 6.1777, -0.5237



19.0990, 10.5299, -1.0061



20.1217, -3.5285, 7.1797



10.1517, 0.2778, 0.3518



15.6357, 27.9260, 1.1933



40.1435, 71.2586, 6.4693

Previews

White Background



This preview shows how the HunterLab color 16.5283, -1.4589, -4.2004 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

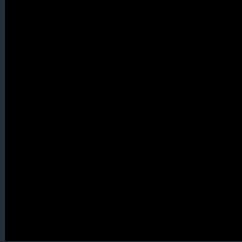
Any Text WCAG AA × Fail

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 16.5283, -1.4589, -4.2004 Background



This preview shows how black text looks on a background with the HunterLab color 16.5283, -1.4589, -4.2004.



This preview shows how white text looks on a background with the HunterLab color 16.5283, -1.4589, -4.2004.

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

16.5283, -1.4589, -4.2004

Protanopia

16.3883, 0.4363, -3.8982

Deuteranopia

16.4855, 0.8269, -4.2239



Tritanopia

16.5436, -3.0093, -1.5019

Trichromacy



Original Color

16.5283, -1.4589, -4.2004

Protanomaly

16.4949, -0.4058, -3.7568

Deuteranomaly

16.5254, -0.2396, -4.1832

Tritanomaly

16.5991, -2.6984, -2.2849

Monochromacy



Original Color

16.5283, -1.4589, -4.2004

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.3601, -1.2708, -0.8773

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5283, -1.4589, -4.2004 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(37, 47, 58)` looks like.

```
.text, #text, p{  
    color:rgb(37, 47, 58)  
}
```

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(37, 47, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 47, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5283, -1.4589, -4.2004 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(37, 47, 58) }
```


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

```
.border{ border-color:rgb(37, 47, 58) }
```

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

Here you see how a box with a 4 pixel rgb(37, 47, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 47, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 47, 58);  
box-shadow:4px 4px 4px 4px rgb(37, 47, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.5283, -1.4589, -4.2004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 47, 58) }
```

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

```
.background{ background-color: rgb(37, 47,  
58) }
```

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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