

Converting Colors

HunterLab(17.0768, -2.8551,
-4.2205)

Have a look what the booklet for
HunterLab(17.0768, -2.8551,
-4.2205) contains.

HunterLab(17.1684, -2.8471, -4.2341)	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(17.1684, -2.8471,
-4.2341)**

Conversions

Conversions Part 1

Format	Color
Hex	22323C
RGB	34, 50, 60
RGB Percent	13%, 20%, 24%
CMY	0.8667, 0.8039, 0.7647
CMYK	0.43, 0.17, 0.00, 0.76
HSL	203°, 28%, 18%
HSV	203°, 43%, 24%
XYZ	2.6159, 2.9475, 4.7060
YIQ	46.3560, -12.7460, -0.2820

Conversions

Conversions Part 2

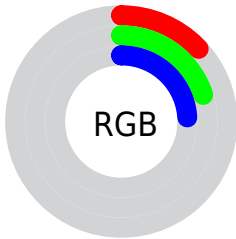
Format	Color
RYB	34, 44, 60
Decimal	2241084
CIELab	19.83, -3.49, -8.41
CIElCh	20, 9.103, 247.455
Yxy	2.9477, 0.2547, 0.2870
Android (android.graphics.Color)	4280431164 (0xFF22323C)
YUV	46.3560, 6.7265, -10.8362
Hunter-Lab	17.1684, -2.8471, -4.2341




Details

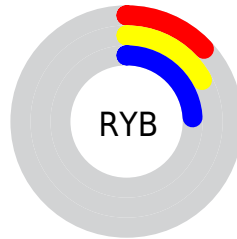
The HunterLab color **17.1684, -2.8471, -4.2341** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.9634, 2.4392, 5.2057**, and the grayscale version is **16.6286, -0.8873, 0.9035**.




A 20% lighter version of the original color is **33.3658, -4.1166, -4.2297**, and **2.5570, 3.9049, -11.6255** is the 20% darker color. If you saturate the color by 10%, you get **16.3158, -2.9633, -5.5331**, and if you desaturate by 10%, it is **18.0583, -2.6147, -2.9543**.

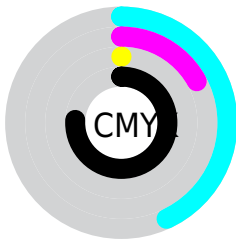
Distribution







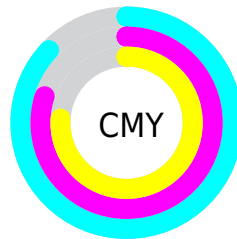
-  Red (13%)
-  Green (20%)
-  Blue (24%)






-  Red (13%)
-  Yellow (17%)
-  Blue (24%)



-  Cyan (43%)
-  Magenta (17%)
-  Yellow (0%)
-  Black (76%)



-  Cyan (87%)
-  Magenta (80%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.1684, -2.8471, -4.2341 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 17.1684, -2.8471, -4.2341 by changing the saturation by 10% instead.

■ 17.1684, -2.8471,
-4.2341

■ 17.1684, -2.8471,
-4.2341

■ 112.9809, -9.7108,
-2.6620

■ 10.5094, -2.1858,
-4.0405

■ 33.3926, -4.2127,
-4.3379

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 42.7542, -4.9271,
-4.2712

0.0000, NaN, NaN

■ 52.8568, -5.6650,
-4.1375

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.6495, -6.4268,
-3.9436

0.0000, NaN, NaN

■ 75.0906, -7.2125,
-3.6950

0.0000, NaN, NaN

■ 87.1455, -8.0220,

0.0000, NaN, NaN

-3.3962

99.7842, -8.8549,
-3.0508

17.1684, -2.8471,
-4.2341

17.1684, -2.8471,
-4.2341

16.3158, -2.9633,
-5.5331

18.0583, -2.6147,
-2.9543

15.5022, -2.9520,
-6.8496

18.9821, -2.2767,
-1.6961

14.7305, -2.8025,
-8.1791

19.9376, -1.8435,
-0.4598

14.0030, -2.5056,
-9.5160

20.9228, -1.3246,
0.7549

13.2970, -2.1440,
-10.9059

21.9354, -0.7287,
1.9486

■ 12.8245, -1.9152,
-11.8953

■ 22.9737, -0.0634,
3.1223

■ 24.0360, 0.6643,
4.2772

■ 25.1207, 1.4484,
5.4147

■ 26.2264, 2.2834,
6.5360

Harmonies

Analogous

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



17.1687, -4.8169, -2.3197



17.1684, -2.8471, -4.2341



17.1687, -0.2436, -4.6673

Triad

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



17.1687, -2.8472, -4.2338



17.1687, 4.4937, 1.5581



17.1687, -3.9380, 4.3864

Complementary

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



17.1684, -2.8471, -4.2341



16.9634, 2.4392, 5.2057

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.



17.1687, -1.5801, 5.1171



17.1684, -2.8471, -4.2341



17.1687, 3.3655, 3.6549

Square

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



17.1687, -2.8472, -4.2338



17.1687, 4.1031, -1.0519



17.1687, 1.1025, 4.8714



17.1687, -5.4193, 2.7087

Rectangle

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



17.1684, -2.8471, -4.2341



17.1687, 1.5226, -4.0059



17.1687, 1.1025, 4.8714



17.1687, -3.2275, 4.7382

Sweetspot

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



17.1687, -2.8472, -4.2338



26.2061, -2.4448, -0.6520



19.3739, -8.7551, 4.5023



13.8139, -1.3305, -0.4369



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



17.1687, -2.8472, -4.2338



21.3494, -3.9077, -7.4822



14.1125, 2.3451, -9.2233



11.1215, -0.8722, 0.0734



19.6136, -1.9944, -20.2101



47.9823, -1.9654, -55.7310

Inverse Universe

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



15.2810, 8.4339, -2.1451



18.4625, 14.3291, -3.5881



19.9980, -2.7403, 7.7876



10.8849, 0.3771, 0.2318



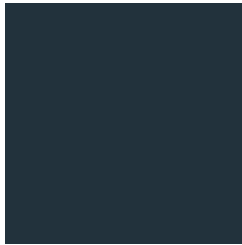
16.4449, 30.0240, -3.8037



41.5915, 75.5366, -6.5341

Previews

White Background



This preview shows how the HunterLab color 17.1684, -2.8471, -4.2341 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

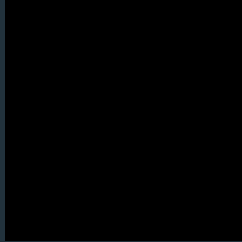
Any Text WCAG AA × Fail

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 17.1684, -2.8471, -4.2341 Background



This preview shows how black text looks on a background with the HunterLab color 17.1684, -2.8471, -4.2341.



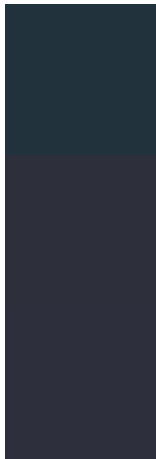
This preview shows how white text looks on a background with the HunterLab color 17.1684, -2.8471, -4.2341.

-4.2341.

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

17.1684, -2.8471, -4.2341

Protanopia

17.0188, 0.2392, -3.4544

Deuteranopia

17.1779, 0.9622, -4.6363



Tritanopia

17.2245, -4.2285, -1.9020

Trichromacy



Original Color

17.1684, -2.8471, -4.2341

Protanomaly

17.0326, -0.8739, -3.9230

Deuteranomaly

17.1554, -0.3252, -4.6927

Tritanomaly

17.2812, -3.9074, -2.7005

Monochromacy



Original Color

17.1684, -2.8471, -4.2341

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.6261, -1.5158, -0.9504

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.1684, -2.8471, -4.2341 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(34, 50, 60)` looks like.

```
.text, #text, p{  
    color:rgb(34, 50, 60)  
}
```

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(34, 50, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 50, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 17.1684, -2.8471, -4.2341 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(34, 50, 60) }
```


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

```
.border{ border-color:rgb(34, 50, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 50, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 50, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 50, 60);  
box-shadow:4px 4px 4px 4px rgb(34, 50, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.1684, -2.8471, -4.2341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 50, 60) }
```

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

```
.background{ background-color: rgb(34, 50,  
60) }
```

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