

Converting Colors

HunterLab(18.0805, -4.2259,
2.8529)

Have a look what the booklet for
HunterLab(18.0805, -4.2259, 2.8529)
contains.

HunterLab(18.0863, -4.1603, 2.9334)	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(18.0863, -4.1603,
2.9334)**

Conversions

Conversions Part 1

Format	Color
Hex	2C352D
RGB	44, 53, 45
RGB Percent	17%, 21%, 18%
CMY	0.8274, 0.7922, 0.8235
CMYK	0.17, 0.00, 0.15, 0.79
HSL	127°, 9%, 19%
HSV	127°, 17%, 21%
XYZ	2.7855, 3.2711, 2.9672
YIQ	49.3970, -2.7960, -4.3960

Conversions

Conversions Part 2

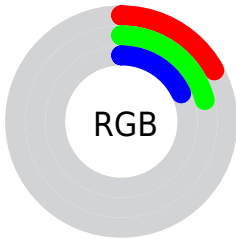
Format	Color
R_{YB}	44, 52, 53
Decimal	2897197
CIE Lab	21.10, -5.75, 3.78
CIE LCh	21, 6.883, 146.711
Yxy	3.2713, 0.3087, 0.3625
Android (android.graphics.Color)	4281087277 (0xFF2C352D)
YUV	49.3970, -2.1677, -4.7332
Hunter-Lab	18.0863, -4.1603, 2.9334

Details

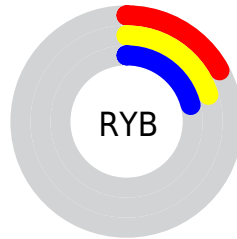
The HunterLab color **18.0863, -4.1603, 2.9334** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.7519, 2.5317, -1.1323**, and the grayscale version is **17.6658, -0.9426, 0.9598**.

A 20% lighter version of the original color is **34.7035, -5.8906, 4.3714**, and **4.1673, -3.5735, 2.5053** is the 20% darker color. If you saturate the color by 10%, you get **17.6834, -5.8466, 3.9764**, and if you desaturate by 10%, it is **18.5327, -2.3444, 1.8287**.

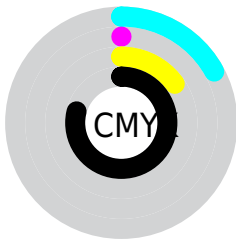
Distribution



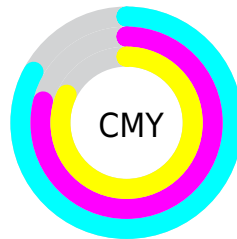
- Red (17%)
- Green (21%)
- Blue (18%)



- Red (17%)
- Yellow (20%)
- Blue (21%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (79%)



- Cyan (83%)
- Magenta (79%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0863, -4.1603, 2.9334 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 18.0863, -4.1603, 2.9334 by changing the saturation by 10% instead.

■ 18.0863, -4.1603,
2.9334

■ 18.0863, -4.1603,
2.9334

■ 114.6904,
-12.1926, 10.0067

■ 11.2914, -3.2969,
2.2437

■ 34.5348, -5.8586,
4.3493

■ 3.4883, -6.1045,
2.4418

■ 43.9935, -6.7164,
5.0872

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.1860, -7.5871,
5.8481

0.0000, NaN, NaN

■ 65.0630, -8.4731,
6.6325

0.0000, NaN, NaN

■ 76.5837, -9.3759,
7.4408

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.7140, -10.2965,

101.4247,
-11.2353, 9.1282

18.0863, -4.1603,
2.9334

18.0863, -4.1603,
2.9334

17.6834, -5.8466,
3.9764

18.5327, -2.3444,
1.8287

17.3237, -7.3878,
4.9481

19.0202, -0.4126,
0.6707

17.0084, -8.7712,
5.8401

19.5476, 1.6201,
-0.5320

16.7374, -9.9858,
6.6445

20.1133, 3.7397,
-1.7713

16.5105, -11.0236,
7.3548

20.7155, 5.9330,
-3.0399

■ 16.3266, -11.8802,
7.9661

■ 21.3525, 8.1882,
-4.3316

■ 16.1785, -12.5789,
8.4717

■ 22.0225, 10.4947,
-5.6406

■ 16.0396, -13.2320,
8.8759

■ 22.7237, 12.8434,
-6.9624

■ 15.9976, -13.4300,
8.9958

■ 23.4542, 15.2262,
-8.2929

Harmonies

Analogous

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



18.0867, -2.7130, 4.0384



18.0863, -4.1603, 2.9334



18.0867, -4.7545, 1.1994

Triad

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



18.0867, -4.1607, 2.9336



18.0867, -1.1928, -3.1976



18.0867, 2.7115, 2.5983

Complementary

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



18.0863, -4.1603, 2.9334



16.7519, 2.5317, -1.1323

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.



18.0867, 3.1625, 0.7669



18.0863, -4.1603, 2.9334



18.0867, 0.8498, -2.7168

Square

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



18.0867, -4.1607, 2.9336



18.0867, -3.0900, -2.4584



18.0867, 2.4670, -1.2090



18.0867, 1.2607, 3.8606

Rectangle

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



18.0863, -4.1603, 2.9334



18.0867, -4.6070, -0.1333



18.0867, 2.4670, -1.2090



18.0867, 2.9878, 2.0352

Sweetspot

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



18.0867, -4.1607, 2.9336



24.0135, -2.6035, 2.1054



18.6036, -2.3401, 3.8281



13.0023, -1.4362, 1.1561



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



18.0867, -4.1607, 2.9336



23.1167, -6.2652, 4.3370



18.1851, -3.6059, 1.5234



9.8041, -1.3606, 1.0408



26.8480, -22.7332, 15.5168



70.4011, -60.0328, 41.5983

Inverse Universe

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



16.7519, 2.5317, -1.1323



20.9972, 4.3695, -2.1221



16.6386, 1.9323, 0.4753



9.4605, 0.3602, -0.0051



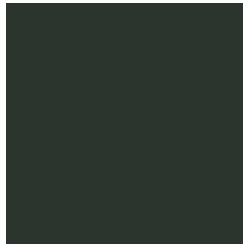
16.4488, 31.6305, -16.2039



43.0684, 82.6611, -41.2017

Previews

White Background



This preview shows how the HunterLab color 18.0863, -4.1603, 2.9334 looks on a white background.

Color Contrast Check

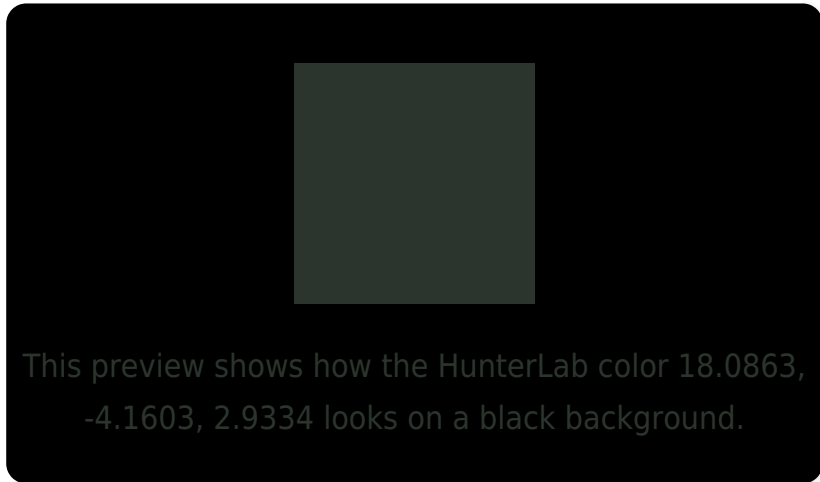
Large Text (above 18pt) WCAG AA ✓ Pass

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

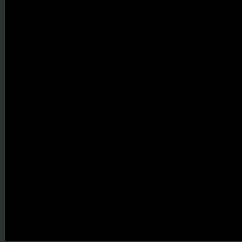
Any Text WCAG AA × Fail

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 18.0863, -4.1603, 2.9334 Background



This preview shows how black text looks on a background with the HunterLab color 18.0863, -4.1603, 2.9334.



This preview shows how white text looks on a background with the HunterLab color 18.0863, -4.1603,

2.9334.

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

18.0863, -4.1603, 2.9334

Protanopia

17.9442, -0.9289, 3.1675

Deuteranopia

18.0658, 0.7811, 2.6628



Tritanopia

18.2273, -1.8478, -0.9708

Trichromacy



Original Color

18.0863, -4.1603, 2.9334

Protanomaly

17.9656, -2.0913, 3.1697

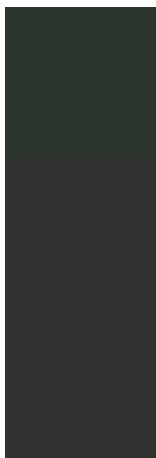
Deuteranomaly

17.9124, -0.9536, 2.4652

Tritanomaly

18.0605, -2.6471, 0.4170

Monochromacy



Original Color

18.0863, -4.1603, 2.9334

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.6038, -1.9447, 1.3953

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0863, -4.1603, 2.9334 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(44, 53, 45)` looks like.

```
.text, #text, p{  
    color:rgb(44, 53, 45)  
}
```

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(44, 53, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 53, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0863, -4.1603, 2.9334 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(44, 53, 45) }
```


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

```
.border{ border-color:rgb(44, 53, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 53, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 53, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 53, 45);  
box-shadow:4px 4px 4px 4px rgb(44, 53, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.0863, -4.1603, 2.9334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 53, 45) }
```

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

```
.background{ background-color: rgb(44, 53,  
45) }
```

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