

Converting Colors

HunterLab(17.9833, -5.3584,
3.5517)

Have a look what the booklet for
HunterLab(17.9833, -5.3584, 3.5517)
contains.

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Color

**HunterLab(18.1223, -5.4184,
3.5946)**

Conversions

Conversions Part 1

Format	Color
Hex	29362B
RGB	41, 54, 43
RGB Percent	16%, 21%, 17%
CMY	0.8392, 0.7882, 0.8314
CMYK	0.24, 0.00, 0.20, 0.79
HSL	129°, 14%, 19%
HSV	129°, 24%, 21%
XYZ	2.6697, 3.2842, 2.7787
YIQ	48.8590, -4.2170, -6.1770

Conversions

Conversions Part 2

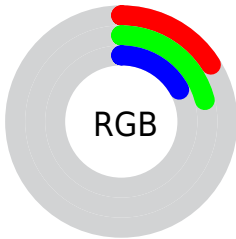
Format	Color
R_{YB}	41, 52, 54
Decimal	2700843
CIE Lab	21.15, -8.13, 5.17
CIE LCh	21, 9.634, 147.578
Yxy	3.2843, 0.3057, 0.3761
Android (android.graphics.Color)	4280890923 (0xFF29362B)
YUV	48.8590, -2.8885, -6.8923
Hunter-Lab	18.1223, -5.4184, 3.5946

Details

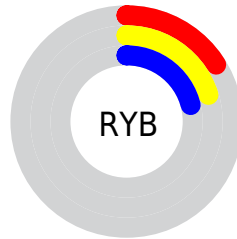
The HunterLab color **18.1223, -5.4184, 3.5946** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.1808, 4.0528, -1.8635**, and the grayscale version is **17.4889, -0.9332, 0.9502**.

A 20% lighter version of the original color is **34.6271, -7.7447, 5.3932**, and **4.1673, -3.5735, 2.5053** is the 20% darker color. If you saturate the color by 10%, you get **17.7458, -7.0170, 4.5628**, and if you desaturate by 10%, it is **18.5433, -3.6806, 2.5690**.

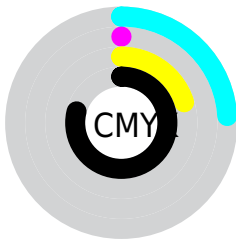
Distribution



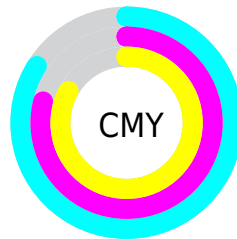
- Red (16%)
- Green (21%)
- Blue (17%)



- Red (16%)
- Yellow (20%)
- Blue (21%)



- Cyan (24%)
- Magenta (0%)
- Yellow (20%)
- Black (79%)



- Cyan (84%)
- Magenta (79%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1223, -5.4184, 3.5946 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 18.1223, -5.4184, 3.5946 by changing the saturation by 10% instead.

■ 18.1223, -5.4184,
3.5946

■ 18.1223, -5.4184,
3.5946

■ 114.7570,
-14.6683, 11.3607

■ 11.3221, -4.3377,
2.7788

■ 34.5795, -7.4677,
5.2121

■ 3.5655, -6.2397,
2.4959

■ 44.0419, -8.4754,
6.0355

0.0000, NaN, NaN

■ 54.2379, -9.4843,
6.8750

0.0000, NaN, NaN

■ 65.1181, -10.4991,
7.7325

0.0000, NaN, NaN

■ 76.6419, -11.5232,
8.6094

0.0000, NaN, NaN

■ 88.7751, -12.5585,

0.0000, NaN, NaN

101.4886,
-13.6065, 10.4233

18.1223, -5.4184,
3.5946

18.1223, -5.4184,
3.5946

17.7458, -7.0170,
4.5628

18.5433, -3.6806,
2.5690

17.4132, -8.4619,
5.4644

19.0064, -1.8169,
1.4939

17.1253, -9.7418,
6.2917

19.5109, 0.1576,
0.3778

16.8818, -10.8476,
7.0373

20.0551, 2.2284,
-0.7715

16.6820, -11.7738,
7.6954

20.6374, 4.3818,
-1.9469

■ 16.5231, -12.5237,
8.2611

■ 21.2559, 6.6052,
-3.1421

■ 16.3808, -13.1953,
8.7152

■ 21.9090, 8.8872,
-4.3516

■ 16.2993, -13.5779,
8.9381

■ 22.5948, 11.2175,
-5.5708

■ 23.3115, 13.5875,
-6.7957

Harmonies

Analogous

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



18.1227, -3.4664, 5.0698



18.1223, -5.4184, 3.5946



18.1227, -6.1861, 1.2081

Triad

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



18.1227, -5.4188, 3.5948



18.1227, -1.2018, -5.1205



18.1227, 4.2182, 3.2644

Complementary

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



18.1223, -5.4184, 3.5946



16.1808, 4.0528, -1.8635

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.



18.1227, 4.9168, 0.7620



18.1223, -5.4184, 3.5946



18.1227, 1.6736, -4.3446

Square

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



18.1227, -5.4188, 3.5948



18.1227, -3.8485, -4.0597



18.1227, 3.9587, -2.0784



18.1227, 2.1045, 4.9010

Rectangle

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



18.1223, -5.4184, 3.5946



18.1227, -5.9609, -0.6815



18.1227, 3.9587, -2.0784



18.1227, 4.6319, 2.5096

Sweetspot

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



18.1227, -5.4188, 3.5948



24.7732, -3.2121, 2.4355



18.7883, -3.0637, 4.9034



12.9454, -1.6605, 1.2622



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.



18.1227, -5.4188, 3.5948



23.4917, -8.5007, 5.5557



18.2633, -4.6172, 1.5769



10.5633, -1.4816, 1.1036



27.6618, -23.3064, 15.7371



71.3678, -60.6278, 41.6743

Inverse Universe

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



16.1808, 4.0528, -1.8635



20.2873, 7.1565, -3.4571



16.0124, 3.1771, 0.5226



10.1754, 0.4056, 0.0144



16.7644, 31.9631, -14.3876



43.1662, 82.0931, -35.4361

Previews

White Background



This preview shows how the HunterLab color 18.1223, -5.4184, 3.5946 looks on a white background.

Color Contrast Check

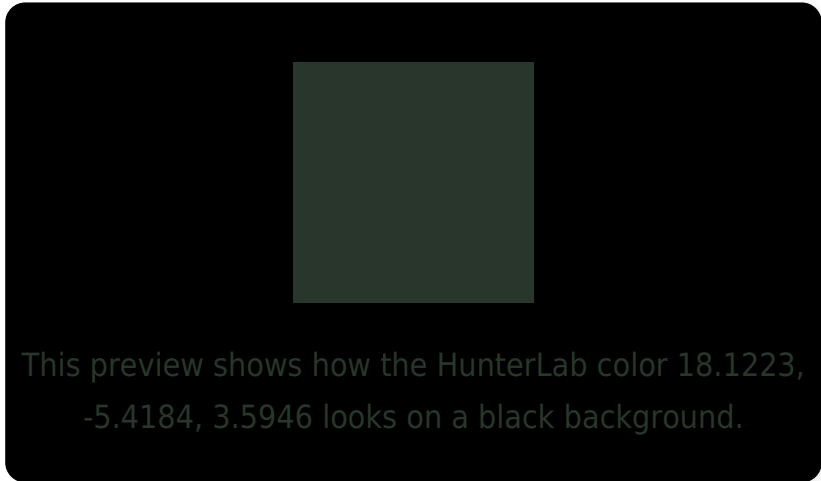
Large Text (above 18pt) WCAG AA ✓ Pass

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

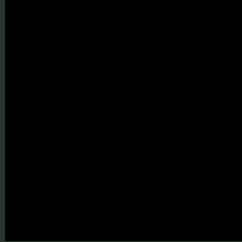
Any Text WCAG AA × Fail

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 18.1223, -5.4184, 3.5946 Background



This preview shows how black text looks on a background with the HunterLab color 18.1223, -5.4184, 3.5946.

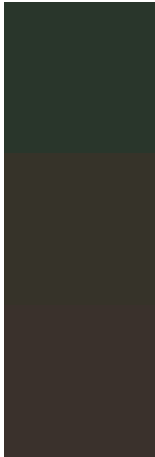


This preview shows how white text looks on a background with the HunterLab color 18.1223, -5.4184,

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

18.1223, -5.4184, 3.5946

Protanopia

18.1990, -1.3897, 4.3553

Deuteranopia

18.1053, 0.8293, 3.3676



Tritanopia

18.0419, -2.5052, -1.2216

Trichromacy



Original Color

18.1223, -5.4184, 3.5946

Protanomaly

18.1001, -2.9521, 3.9261

Deuteranomaly

18.1096, -1.5834, 3.3299

Tritanomaly

18.1038, -3.8228, 0.8313

Monochromacy



Original Color

18.1223, -5.4184, 3.5946

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.7587, -2.6964, 1.9170

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1223, -5.4184, 3.5946 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(41, 54, 43)` looks like.

```
.text, #text, p{  
    color:rgb(41, 54, 43)  
}
```

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(41, 54, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 54, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1223, -5.4184, 3.5946 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(41, 54, 43) }
```


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

```
.border{ border-color:rgb(41, 54, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 54, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 54, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 54, 43);  
box-shadow:4px 4px 4px 4px rgb(41, 54, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1223, -5.4184, 3.5946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 54, 43) }
```

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

```
.background{ background-color: rgb(41, 54,  
43) }
```

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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