

Converting Colors

HunterLab(18.0686, -5.3813,
-0.4987)

Have a look what the booklet for
HunterLab(18.0686, -5.3813,
-0.4987) contains.

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Color

**HunterLab(18.0132, -5.3157,
-0.4807)**

Conversions

Conversions Part 1

Format	Color
Hex	223636
RGB	34, 54, 54
RGB Percent	13%, 21%, 21%
CMY	0.8667, 0.7882, 0.7882
CMYK	0.37, 0.00, 0.00, 0.79
HSL	180°, 23%, 17%
HSV	180°, 37%, 21%
XYZ	2.6447, 3.2448, 3.9769
YIQ	48.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

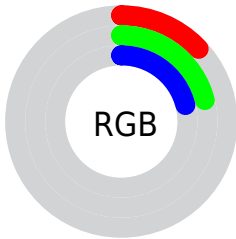
Format	Color
RYB	34, 44, 54
Decimal	2242102
CIELab	21.00, -7.96, -2.57
CIELCh	21, 8.368, 197.863
Yxy	3.2449, 0.2681, 0.3289
Android (android.graphics.Color)	4280432182 (0xFF223636)
YUV	48.0200, 2.9481, -12.2955
Hunter-Lab	18.0132, -5.3157, -0.4807

Details

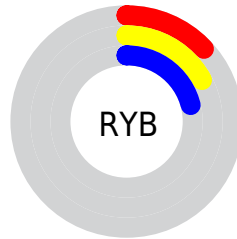
The HunterLab color **18.0132, -5.3157, -0.4807** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.2965, 4.7241, 2.6154**, and the grayscale version is **17.1924, -0.9173, 0.9341**.

A 20% lighter version of the original color is **34.5097, -7.4928, -0.0191**, and **4.1698, -1.6994, -1.5434** is the 20% darker color. If you saturate the color by 10%, you get **17.7770, -6.2023, -0.7945**, and if you desaturate by 10%, it is **18.2866, -4.3084, -0.1231**.

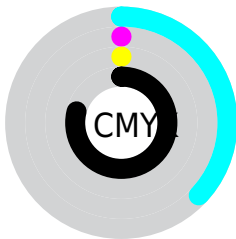
Distribution



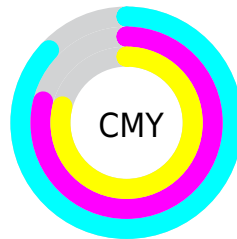
- Red (13%)
- Green (21%)
- Blue (21%)



- Red (13%)
- Yellow (17%)
- Blue (21%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (79%)



- Cyan (87%)
- Magenta (79%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0132, -5.3157, -0.4807 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 18.0132, -5.3157, -0.4807 by changing the saturation by 10% instead.

■ 18.0132, -5.3157,
-0.4807

■ 18.0132, -5.3157,
-0.4807

■ 114.5550,
-14.4785, 3.6043

■ 11.2289, -4.2494,
-0.6552

■ 34.4441, -7.3404,
0.0867

■ 3.3257, -5.8200,
-3.0181

■ 43.8951, -8.3375,
0.4581

0.0000, NaN, NaN

■ 54.0806, -9.3364,
0.8793

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.9509, -10.3420,
1.3459

0.0000, NaN, NaN

■ 76.4653, -11.3573,
1.8543

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.5897, -12.3843,

101.2947,
-13.4244, 2.9857

18.0132, -5.3157,
-0.4807

18.0132, -5.3157,
-0.4807

17.7770, -6.2023,
-0.7945

18.2866, -4.3084,
-0.1231

17.5765, -6.9638,
-1.0641

18.5962, -3.1851,
0.2756

17.4111, -7.5990,
-1.2888

18.9421, -1.9530,
0.7134

17.2796, -8.1088,
-1.4691

19.3238, -0.6198,
1.1877

17.1754, -8.5161,
-1.6130

19.7407, 0.8059,
1.6956

■ 17.0737, -8.9164,
-1.7544

■ 20.1917, 2.3155,
2.2340

■ 17.0434, -9.0360,
-1.7966

■ 20.6759, 3.9001,
2.8000

■ 21.1920, 5.5513,
3.3906

■ 21.7388, 7.2610,
4.0030

Harmonies

Analogous

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



18.0136, -5.4280, 1.9163



18.0132, -5.3157, -0.4807



18.0136, -4.0772, -2.7537

Triad

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



18.0136, -5.3159, -0.4804



18.0136, 2.7457, -2.3677



18.0136, 0.0605, 4.9052

Complementary

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



18.0132, -5.3157, -0.4807



14.2965, 4.7241, 2.6154

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.



18.0136, 2.3802, 4.0546



18.0132, -5.3157, -0.4807



18.0136, 3.9863, -0.0084

Square

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



18.0136, -5.3159, -0.4804



18.0136, 0.5374, -3.9414



18.0136, 3.8490, 2.3285



18.0136, -2.4141, 4.8149

Rectangle

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



18.0132, -5.3157, -0.4807



18.0136, -2.7392, -3.7942



18.0136, 3.8490, 2.3285



18.0136, 0.8866, 4.7252

Sweetspot

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



18.0136, -5.3159, -0.4804



24.6829, -3.3198, 0.6700



17.6060, -7.7076, 5.6172



12.8897, -1.7491, 0.3447



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.



18.0136, -5.3159, -0.4804



23.3846, -8.0743, -1.0168



15.5975, -1.6747, -3.6852



10.6149, -1.1949, 0.3661



28.9635, -15.3558, -3.0530



74.7994, -39.6572, -7.8842

Inverse Universe

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



14.2965, 4.7241, 2.6154



17.3907, 8.2513, 4.0209



16.3600, 0.8124, 4.6104



10.1223, 0.1190, 0.7708



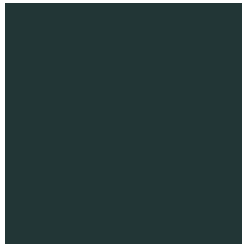
15.0500, 25.7737, 9.7245



38.8673, 66.5615, 25.1147

Previews

White Background



This preview shows how the HunterLab color 18.0132, -5.3157, -0.4807 looks on a white background.

Color Contrast Check

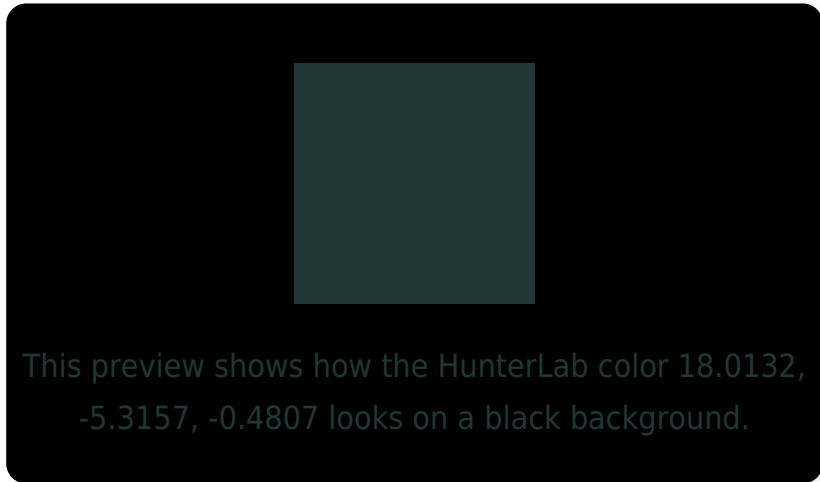
Large Text (above 18pt) WCAG AA ✓ Pass

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

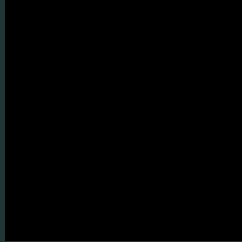
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

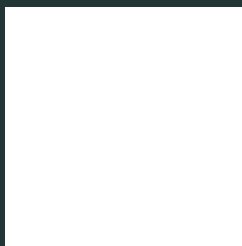
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 18.0132, -5.3157, -0.4807 Background



This preview shows how black text looks on a background with the HunterLab color 18.0132, -5.3157, -0.4807.



This preview shows how white text looks on a background with the HunterLab color 18.0132, -5.3157, -0.4807.

-0.4807.

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

18.0132, -5.3157, -0.4807

Protanopia

17.9804, -0.4356, 0.3589

Deuteranopia

17.9704, 0.8947, -0.8362



Tritanopia

17.9137, -4.1466, -2.2831

Trichromacy



Original Color

18.0132, -5.3157, -0.4807

Protanomaly

17.8398, -2.1168, -0.2382

Deuteranomaly

17.9564, -1.6003, -0.8978

Tritanomaly

17.8856, -4.3060, -1.8862

Monochromacy



Original Color

18.0132, -5.3157, -0.4807

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.3928, -2.5984, 0.3852

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0132, -5.3157, -0.4807 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, 54, 54)` looks like.

```
.text, #text, p{  
    color:rgb(34, 54, 54)  
}
```

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, 54, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 54, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0132, -5.3157, -0.4807 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, 54, 54) }
```


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

```
.border{ border-color:rgb(34, 54, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 54, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 54, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 54, 54);  
box-shadow:4px 4px 4px 4px rgb(34, 54, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.0132, -5.3157, -0.4807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 54, 54) }
```

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

```
.background{ background-color: rgb(34, 54,  
54) }
```

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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