

Converting Colors

HunterLab(18.8694, -8.8749,
4.9957)

Have a look what the booklet for
HunterLab(18.8694, -8.8749, 4.9957)
contains.

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Color

**HunterLab(19.0036, -8.9153,
5.0088)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 213B29 |
| RGB | 33, 59, 41 |
| RGB Percent | 13%, 23%, 16% |
| CMY | 0.8706, 0.7686, 0.8392 |
| CMYK | 0.44, 0.00, 0.31, 0.77 |
| HSL | 138°, 28%, 18% |
| HSV | 138°, 44%, 23% |
| XYZ | 2.5914, 3.6114, 2.6583 |
| YIQ | 49.1740, -9.7180, -11.1100 |

Conversions

Conversions Part 2

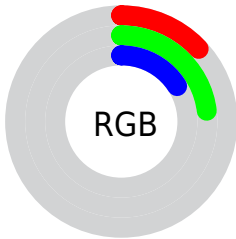
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 33, 53, 59 |
| Decimal | 2177833 |
| CIE Lab | 22.34, -14.78, 8.09 |
| CIE LCh | 22, 16.850, 151.314 |
| Yxy | 3.6115, 0.2924, 0.4076 |
| Android (android.graphics.Color) | 4280367913 (0xFF213B29) |
| YUV | 49.1740, -4.0298, -14.1846 |
| Hunter-Lab | 19.0036, -8.9153, 5.0088 |

Details

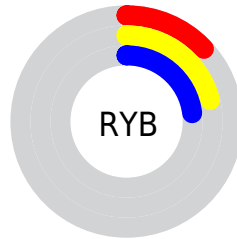
The HunterLab color **19.0036, -8.9153, 5.0088** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.0221, 8.7073, -2.9531**, and the grayscale version is **17.5990, -0.9390, 0.9562**.

A 20% lighter version of the original color is **35.5559, -11.7280, 7.0231**, and **5.8451, -5.0121, 3.5140** is the 20% darker color. If you saturate the color by 10%, you get **18.6963, -10.2697, 5.8122**, and if you desaturate by 10%, it is **19.3587, -7.3934, 4.1694**.

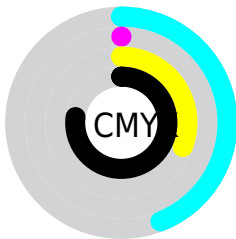
Distribution



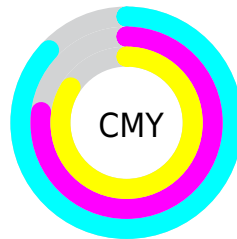
- Red (13%)
- Green (23%)
- Blue (16%)



- Red (13%)
- Yellow (21%)
- Blue (23%)



- Cyan (44%)
- Magenta (0%)
- Yellow (31%)
- Black (77%)



- Cyan (87%)
- Magenta (77%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0036, -8.9153, 5.0088 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 19.0036, -8.9153, 5.0088 by changing the saturation by 10% instead.

■ 19.0036, -8.9153,
5.0088

■ 19.0036, -8.9153,
5.0088

■ 116.3783,
-21.6246, 14.2758

■ 12.0777, -7.2195,
3.9265

■ 35.6696, -11.9618,
7.0616

■ 5.0932, -8.9130,
3.5652

■ 45.2226, -13.3956,
8.0702

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.5028, -14.7973,
9.0801

0.0000, NaN, NaN

■ 66.4618, -16.1784,
10.0963

0.0000, NaN, NaN

■ 78.0601, -17.5468,
11.1221

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.2641, -18.9081,

103.0452,
-20.2663, 13.2106

19.0036, -8.9153,
5.0088

19.0036, -8.9153,
5.0088

18.6963, -10.2697,
5.8122

19.3587, -7.3934,
4.1694

18.4352, -11.4468,
6.5716

19.7602, -5.7147,
3.3009

18.2199, -12.4415,
7.2799

20.2078, -3.8930,
2.4111

18.0485, -13.2532,
7.9306

20.7004, -1.9427,
1.5068

17.8976, -13.9740,
8.5011

21.2368, 0.1214,
0.5944

■ 17.8108, -14.3873,
8.7961

■ 21.8153, 2.2847,
-0.3205

■ 22.4344, 4.5332,
-1.2331

■ 23.0921, 6.8543,
-2.1395

■ 23.7866, 9.2361,
-3.0364

Harmonies

Analogous

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



19.0040, -5.8736, 7.4305



19.0036, -8.9153, 5.0088



19.0040, -9.9033, 0.8180

Triad

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



19.0040, -8.9156, 5.0090



19.0040, -0.7883, -10.9371



19.0040, 8.1653, 5.2927

Complementary

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



19.0036, -8.9153, 5.0088



15.0221, 8.7073, -2.9531

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.



19.0040, 9.8831, 1.2483



19.0036, -8.9153, 5.0088



19.0040, 4.3868, -8.8521

Square

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



19.0040, -8.9156, 5.0090



19.0040, -5.5208, -9.1726



19.0040, 8.4331, -4.0420



19.0040, 3.9541, 7.5611

Rectangle

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



19.0036, -8.9153, 5.0088



19.0040, -9.3572, -2.7011



19.0040, 8.4331, -4.0420



19.0040, 9.0724, 4.1381

Sweetspot

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



19.0040, -8.9156, 5.0090



26.1783, -4.9224, 3.0653



19.8669, -5.8902, 7.8446



13.5166, -2.6598, 1.6397



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.



19.0040, -8.9156, 5.0090



24.1439, -13.5114, 7.6592



19.2767, -7.3207, 1.0907



11.3394, -1.5613, 1.0564



28.5599, -23.3794, 14.7720



72.5144, -60.1108, 39.1252

Inverse Universe

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



15.0221, 8.7073, -2.9531



17.8509, 14.5188, -4.8690



14.6930, 7.0970, 1.7097



10.8903, 0.4064, 0.1543



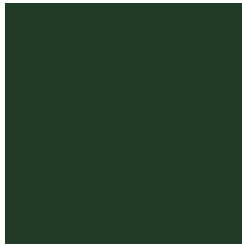
16.6841, 30.8819, -7.1240



42.2201, 77.7969, -15.3040

Previews

White Background



This preview shows how the HunterLab color 19.0036, -8.9153, 5.0088 looks on a white background.

Color Contrast Check

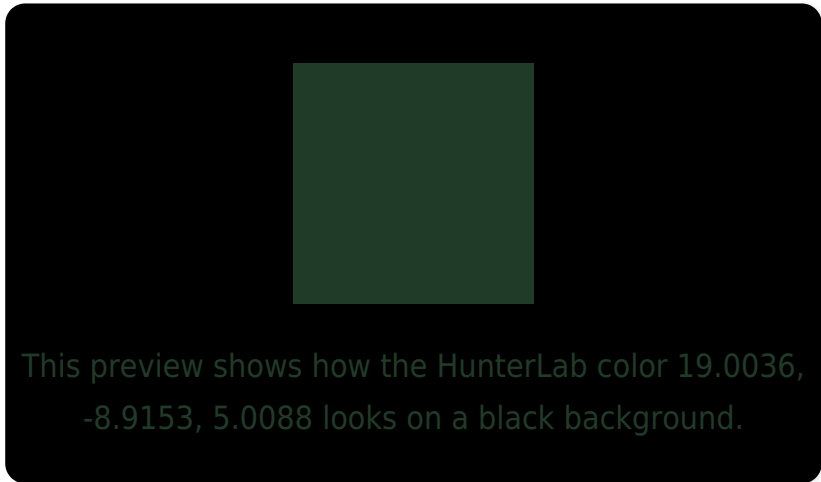
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0036, -8.9153, 5.0088 Background



This preview shows how black text looks on a background with the HunterLab color 19.0036, -8.9153, 5.0088.

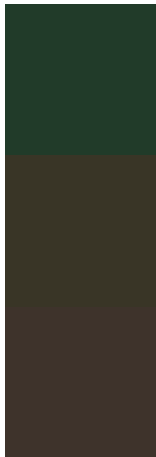


This preview shows how white text looks on a background with the HunterLab color 19.0036, -8.9153,

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

19.0036, -8.9153, 5.0088

Protanopia

18.8574, -1.6658, 5.8252

Deuteranopia

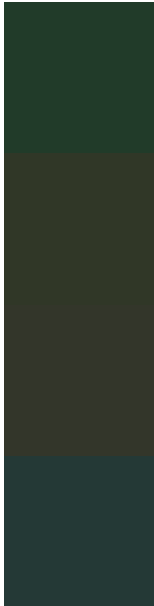
18.8844, 1.0416, 4.4791



Tritanopia

18.9139, -4.2600, -2.2594

Trichromacy



Original Color

19.0036, -8.9153, 5.0088

Protanomaly

18.7276, -4.6432, 5.3818

Deuteranomaly

18.7331, -3.2223, 4.5540

Tritanomaly

18.8883, -6.0593, 0.5776

Monochromacy



Original Color

19.0036, -8.9153, 5.0088

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.0473, -4.2598, 2.5545

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0036, -8.9153, 5.0088 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(33, 59, 41)` looks like.

```
.text, #text, p{  
    color:rgb(33, 59, 41)  
}
```

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(33, 59, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 59, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0036, -8.9153, 5.0088 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(33, 59, 41) }
```


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

```
.border{ border-color:rgb(33, 59, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 59, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 59, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 59, 41);  
box-shadow:4px 4px 4px 4px rgb(33, 59, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.0036, -8.9153, 5.0088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 59, 41) }
```

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

```
.background{ background-color: rgb(33, 59,  
41) }
```

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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