

Converting Colors

HunterLab(18.5291, -13.0974,
5.1137)

Have a look what the booklet for
HunterLab(18.5291, -13.0974,
5.1137) contains.

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Color

**HunterLab(18.6654,
-13.2039, 5.1733)**

Conversions

Conversions Part 1

Format	Color
Hex	003D27
RGB	0, 61, 39
RGB Percent	0%, 24%, 15%
CMY	1.0000, 0.7608, 0.8471
CMYK	1.00, 0.00, 0.36, 0.76
HSL	158°, 100%, 12%
HSV	158°, 100%, 24%
XYZ	2.0350, 3.4840, 2.4847
YIQ	40.2530, -29.2940, -19.7740

Conversions

Conversions Part 2

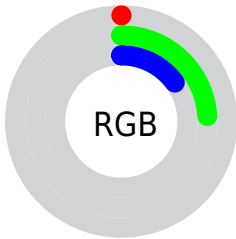
Format	Color
RYB	0, 37, 61
Decimal	15655
CIELab	21.89, -24.47, 8.59
CIElCh	22, 25.931, 160.647
Yxy	3.4841, 0.2543, 0.4353
Android (android.graphics.Color)	4278205735 (0xFF003D27)
YUV	40.2530, -0.6177, -35.3019
Hunter-Lab	18.6654, -13.2039, 5.1733

Details

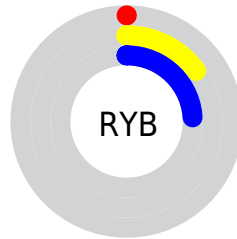
The HunterLab color **18.6654, -13.2039, 5.1733** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.2475, 18.1136, 2.2392**, and the grayscale version is **14.6578, -0.7821, 0.7964**.

A 20% lighter version of the original color is **35.1989, -17.7605, 7.2503**, and **5.3651, -4.6006, 3.2254** is the 20% darker color. If you saturate the color by 10%, you get **18.6657, -13.2042, 5.1736**, and if you desaturate by 10%, it is **18.8109, -12.5273, 4.7017**.

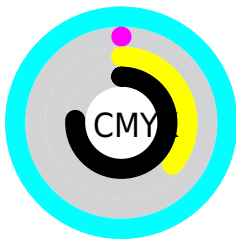
Distribution



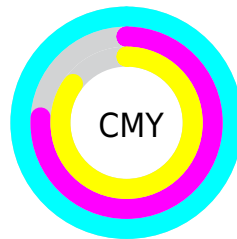
- Red (0%)
- Green (24%)
- Blue (15%)



- Red (0%)
- Yellow (15%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6654, -13.2039, 5.1733 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 18.6654, -13.2039, 5.1733 by changing the saturation by 10% instead.

■ 18.6654, -13.2039,
5.1733

■ 18.6654, -13.2039,
5.1733

■ 115.7582,
-31.1887, 14.7022

■ 11.7872, -10.7309,
4.0658

■ 35.2519, -17.8071,
7.3056

■ 4.5704, -7.9982,
3.1993

■ 44.7705, -19.8947,
8.3469

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.0186, -21.8946,
9.3864

0.0000, NaN, NaN

■ 65.9476, -23.8300,
10.4298

0.0000, NaN, NaN

■ 77.5175, -25.7170,
11.4809


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 89.6945, -27.5670,


12.5423


0.0000, NaN, NaN


 102.4498,
-29.3888, 13.6156


 18.6654, -13.2039,
5.1733


 18.6654, -13.2039,
5.1733


 18.6657, -13.2042,
5.1736

 18.8109, -12.5273,
4.7017

 18.9595, -11.8385,
4.2071

 19.1397, -11.0253,
3.7209

 19.3611, -10.0539,
3.2568

 19.6254, -8.9251,
2.8199

■ 19.9333, -7.6431,
2.4148

■ 20.2853, -6.2149,
2.0451

■ 20.6812, -4.6497,
1.7138

■ 21.1206, -2.9583,
1.4229

Harmonies

Analogous

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



18.6658, -9.8421, 8.9540



18.6654, -13.2039, 5.1733



18.6658, -13.6294, -1.8344

Triad

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



18.6658, -13.2040, 5.1735



18.6658, 1.8726, -19.3048



18.6658, 11.8833, 8.1549

Complementary

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



18.6654, -13.2039, 5.1733



10.2475, 18.1136, 2.2392

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.



18.6658, 16.2626, 3.4775



18.6654, -13.2039, 5.1733



18.6658, 9.8809, -13.4808

Square

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



18.6658, -13.2040, 5.1735



18.6658, -5.7377, -18.2273



18.6658, 15.4747, -4.3926



18.6658, 4.2699, 10.1190

Rectangle

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



18.6654, -13.2039, 5.1733



18.6658, -12.2831, -7.8789



18.6658, 15.4747, -4.3926



18.6658, 13.8350, 6.9506

Sweetspot

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



18.6658, -13.2040, 5.1735



26.2095, -8.3082, 2.7103



18.7414, -13.6738, 11.3088



13.8475, -4.5649, 1.4758



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.



18.6658, -13.2040, 5.1735



24.1540, -17.2391, 7.0239



16.9444, -7.4308, -5.1377



11.3615, -1.4384, 0.7404



28.9784, -20.7878, 8.6544



73.5602, -53.6235, 23.8139

Inverse Universe

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



10.2475, 18.1136, 2.2392



13.2315, 23.3115, 3.4936



10.8108, 14.3157, 6.9119



10.8671, 0.2813, 0.4846



15.8553, 27.8821, 4.5907



40.1065, 70.1282, 14.7177

Previews

White Background



This preview shows how the HunterLab color 18.6654, -13.2039, 5.1733 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 18.6654, -13.2039, 5.1733 Background



This preview shows how black text looks on a background with the HunterLab color 18.6654, -13.2039, 5.1733.



This preview shows how white text looks on a background with the HunterLab color 18.6654,

-13.2039, 5.1733.

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

18.6654, -13.2039, 5.1733

Protanopia

18.8240, -1.8498, 6.3098

Deuteranopia

18.8464, 0.8376, 5.0281



Tritanopia

18.8562, -7.0497, -3.2909

Trichromacy



Original Color

18.6654, -13.2039, 5.1733

Protanomaly

18.2674, -7.7771, 5.4394

Deuteranomaly

18.2124, -6.5273, 4.5728

Tritanomaly

18.6752, -9.6377, 0.2587

Monochromacy



Original Color

18.6654, -13.2039, 5.1733

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.7283, -6.6325, 2.0081

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6654, -13.2039, 5.1733 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(0, 61, 39)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 39)  
}
```

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(0, 61, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6654, -13.2039, 5.1733 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(0, 61, 39) }
```


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

```
.border{ border-color:rgb(0, 61, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 61, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 61, 39); box-shadow:4px  
4px 4px 4px rgb(0, 61, 39) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.6654, -13.2039, 5.1733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 39) }
```

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

```
.background{ background-color: rgb(0, 61,  
39) }
```

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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