

Converting Colors

HunterLab(15.3553, -21.1113,
-6.8335)

Have a look what the booklet for
HunterLab(15.3553, -21.1113,
-6.8335) contains.

HunterLab(18.0056, -9.1791, -2.6905)	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(18.0056, -9.1791,
-2.6905)**

Conversions

Conversions Part 1

Format	Color
Hex	00393B
RGB	0, 57, 59
RGB Percent	0%, 22%, 23%
CMY	1.0000, 0.7765, 0.7686
CMYK	1.00, 0.03, 0.00, 0.77
HSL	182°, 100%, 12%
HSV	182°, 100%, 23%
XYZ	2.2525, 3.2420, 4.6447
YIQ	40.1850, -34.6140, -11.4620

Conversions

Conversions Part 2

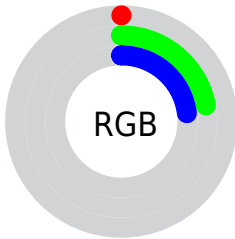
Format	Color
RYB	0, 29, 59
Decimal	14651
CIELab	20.99, -15.81, -6.11
CIELCh	21, 16.951, 201.123
Yxy	3.2421, 0.2222, 0.3198
Android (android.graphics.Color)	4278204731 (0xFF00393B)
YUV	40.1850, 9.2758, -35.2422
Hunter-Lab	18.0056, -9.1791, -2.6905

Details

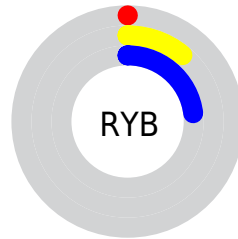
The HunterLab color **18.0056, -9.1791, -2.6905** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.8655, 15.7628, 6.3546**, and the grayscale version is **14.6060, -0.7793, 0.7936**.

A 20% lighter version of the original color is **34.3249, -12.3156, -2.6179**, and **4.6275, -0.8458, -3.9580** is the 20% darker color. If you saturate the color by 10%, you get **18.0059, -9.1793, -2.6904**, and if you desaturate by 10%, it is **18.1660, -8.8328, -2.4656**.

Distribution



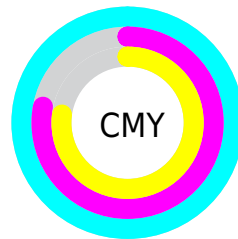
- Red (0%)
- Green (22%)
- Blue (23%)



- Red (0%)
- Yellow (11%)
- Blue (23%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (78%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0056, -9.1791, -2.6905 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 18.0056, -9.1791, -2.6905 by changing the saturation by 10% instead.

■ 18.0056, -9.1791,
-2.6905

■ 18.0056, -9.1791,
-2.6905

■ 114.5408,
-22.4768, -0.1285

■ 11.2224, -7.3876,
-2.6333

■ 34.4346, -12.4103,
-2.5348

■ 3.3083, -5.7895,
-7.4736

■ 43.8849, -13.9179,
-2.3483

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.0696, -15.3858,
-2.1010

0.0000, NaN, NaN

■ 64.9392, -16.8273,
-1.7990

0.0000, NaN, NaN

■ 76.4530, -18.2515,
-1.4472


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.5767, -19.6649,


-1.0495


0.0000, NaN, NaN


 101.2811,
-21.0721, -0.6090


 18.0056, -9.1791,
-2.6905


 18.0056, -9.1791,
-2.6905


 18.0059, -9.1793,
-2.6904

 18.1660, -8.8328,
-2.4656

 18.3264, -8.4873,
-2.2424

 18.5136, -8.0407,
-1.9839

 18.7382, -7.4548,
-1.6764

 19.0015, -6.7281,
-1.3201

■ 19.3043, -5.8623,
-0.9157

■ 19.6472, -4.8613,
-0.4652

■ 20.0299, -3.7312,
0.0290

■ 20.4522, -2.4796,
0.5640

Harmonies

Analogous

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



18.0059, -9.6128, 2.3526



18.0056, -9.1791, -2.6905



18.0059, -6.6783, -7.8317

Triad

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



18.0059, -9.1791, -2.6902



18.0059, 7.2688, -5.8620



18.0059, 0.5667, 7.9435

Complementary

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



18.0056, -9.1791, -2.6905



9.8655, 15.7628, 6.3546

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.



18.0059, 5.5711, 6.8058



18.0056, -9.1791, -2.6905



18.0059, 9.7119, -0.5097

Square

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



18.0059, -9.1791, -2.6902



18.0059, 2.6858, -9.9868



18.0059, 9.0585, 4.0106



18.0059, -4.3402, 7.6597

Rectangle

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



18.0056, -9.1791, -2.6905



18.0059, -4.0070, -10.1809



18.0059, 9.0585, 4.0106



18.0059, 2.3004, 7.7296

Sweetspot

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



18.0059, -9.1791, -2.6902



25.3601, -6.4801, -0.6861



17.6983, -15.0890, 10.4520



13.0923, -3.4382, -0.3930



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.



18.0059, -9.1791, -2.6902



23.2680, -11.8391, -3.5256



10.6038, 1.5387, -16.5746



11.3628, -1.2631, 0.3589



28.8491, -14.6595, -4.4132



73.1621, -37.0412, -11.4849

Inverse Universe

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



11.0693, 21.6238, -13.5347



14.3186, 27.9652, -17.4459



13.9084, 5.2552, 8.6619



10.9100, 0.5124, -0.1255



17.7657, 34.6906, -21.5921



45.1419, 88.0992, -54.4904

Previews

White Background



This preview shows how the HunterLab color 18.0056, -9.1791, -2.6905 looks on a white background.

Color Contrast Check

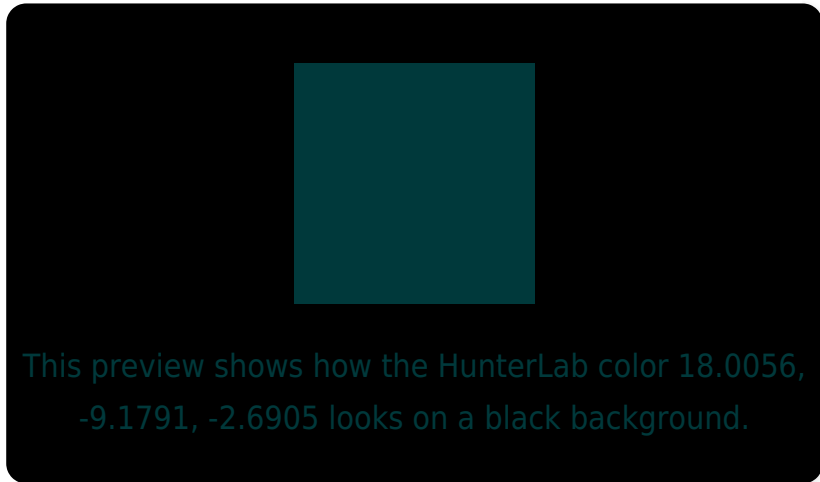
Large Text (above 18pt) WCAG AA ✓ Pass

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

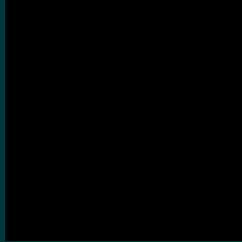
Any Text WCAG AA × Fail

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 18.0056, -9.1791, -2.6905 Background



This preview shows how black text looks on a background with the HunterLab color 18.0056, -9.1791, -2.6905.



This preview shows how white text looks on a background with the HunterLab color 18.0056, -9.1791, -2.6905.

-2.6905.

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

18.0056, -9.1791, -2.6905

Protanopia

18.2956, -0.4196, -0.4468

Deuteranopia

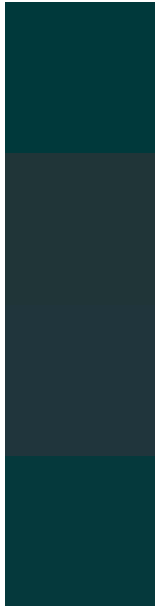
18.2262, 0.8946, -3.1151



Tritanopia

18.2066, -8.2770, -3.3032

Trichromacy



Original Color

18.0056, -9.1791, -2.6905

Protanomaly

17.7167, -4.9841, -1.6911

Deuteranomaly

17.8312, -4.3326, -3.3029

Tritanomaly

18.1239, -8.6575, -2.9687

Monochromacy



Original Color

18.0056, -9.1791, -2.6905

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.3815, -4.9729, -0.9754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0056, -9.1791, -2.6905 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, 57, 59)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 59)  
}
```

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, 57, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0056, -9.1791, -2.6905 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, 57, 59) }
```


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

```
.border{ border-color:rgb(0, 57, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 57, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 57, 59); box-shadow:4px  
4px 4px 4px rgb(0, 57, 59) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.0056, -9.1791, -2.6905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 59) }
```

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

```
.background{ background-color: rgb(0, 57,  
59) }
```

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