

Converting Colors

HunterLab(18.0578, -8.2226,
-4.8205)

Have a look what the booklet for
HunterLab(18.0578, -8.2226,
-4.8205) contains.

HunterLab(18.1560, -8.2903, -4.7971)	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>	30

Color

**HunterLab(18.1560, -8.2903,
-4.7971)**

Conversions

Conversions Part 1

Format	Color
Hex	003940
RGB	0, 57, 64
RGB Percent	0%, 22%, 25%
CMY	1.0000, 0.7765, 0.7490
CMYK	1.00, 0.11, 0.00, 0.75
HSL	187°, 100%, 13%
HSV	187°, 100%, 25%
XYZ	2.3885, 3.2964, 5.3608
YIQ	40.7550, -36.2190, -9.9070

Conversions

Conversions Part 2

Format	Color
RYB	0, 30, 64
Decimal	14656
CIELab	21.19, -13.86, -9.18
CIELCh	21, 16.625, 213.495
Yxy	3.2965, 0.2162, 0.2984
Android (android.graphics.Color)	4278204736 (0xFF003940)
YUV	40.7550, 11.4598, -35.7421
Hunter-Lab	18.1560, -8.2903, -4.7971

Details

The HunterLab color **18.1560, -8.2903, -4.7971** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.1446, 15.5798, 7.1395**, and the grayscale version is **14.7843, -0.7889, 0.8033**.

A 20% lighter version of the original color is **34.5548, -11.0749, -5.2037**, and **5.0329, -0.2067, -5.8444** is the 20% darker color. If you saturate the color by 10%, you get **18.1562, -8.2904, -4.7971**, and if you desaturate by 10%, it is **18.4595, -8.0947, -4.3465**.

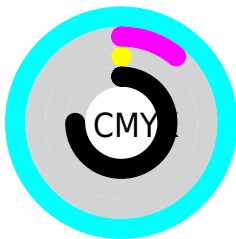
Distribution



- Red (0%)
- Green (22%)
- Blue (25%)



- Red (0%)
- Yellow (12%)
- Blue (25%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (78%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1560, -8.2903, -4.7971 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 18.1560, -8.2903, -4.7971 by changing the saturation by 10% instead.

18.1560, -8.2903,
-4.7971

18.1560, -8.2903,
-4.7971

114.8192,
-20.5407, -3.4483

11.3509, -6.6633,
-4.5807

34.6212, -11.2124,
-4.9526

3.6362, -6.3633,
-10.2614

44.0871, -12.5903,
-4.9120

0.0000, NaN, NaN

0.0000, NaN, NaN

54.2864, -13.9396,
-4.8040

0.0000, NaN, NaN

65.1696, -15.2711,
-4.6353

0.0000, NaN, NaN

76.6963, -16.5924,
-4.4113

0.0000, NaN, NaN

0.0000, NaN, NaN

88.8323, -17.9087,

-4.1365

0.0000, NaN, NaN

101.5484,
-19.2238, -3.8144

18.1560, -8.2903,
-4.7971

18.1560, -8.2903,
-4.7971

18.1562, -8.2904,
-4.7971

18.4595, -8.0947,
-4.3465

18.7641, -7.8959,
-3.9023

19.1023, -7.5718,
-3.4170

19.4820, -7.0939,
-2.8812

19.9041, -6.4627,
-2.2970

■ 20.3689, -5.6818,
-1.6672

■ 20.8760, -4.7575,
-0.9956

■ 21.4248, -3.6974,
-0.2860

■ 22.0143, -2.5108,
0.4575

Harmonies

Analogous

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



18.1563, -9.5792, 0.4237



18.1560, -8.2903, -4.7971



18.1563, -5.0516, -9.2089

Triad

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



18.1563, -8.2903, -4.7968



18.1563, 8.4267, -3.5688



18.1563, -1.5503, 7.9360

Complementary

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



18.1560, -8.2903, -4.7971



11.1446, 15.5798, 7.1395

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.



18.1563, 3.5079, 7.4001



18.1560, -8.2903, -4.7971



18.1563, 9.6199, 1.5354

Square

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



18.1563, -8.2903, -4.7968



18.1563, 4.6274, -8.3761



18.1563, 7.7330, 5.3338



18.1563, -5.9615, 7.0654

Rectangle

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



18.1560, -8.2903, -4.7971



18.1563, -2.0426, -10.6027



18.1563, 7.7330, 5.3338



18.1563, 0.1287, 7.9131

Sweetspot

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



18.1563, -8.2903, -4.7968



27.4084, -6.4432, -1.4345



19.1856, -16.1902, 10.9704



14.3213, -3.5025, -0.8385



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.1563, -8.2903, -4.7968



23.8061, -10.7795, -6.4857



10.4474, 3.6910, -21.0249



12.0836, -1.2748, 0.3095



27.5047, -12.4072, -7.5949



68.2977, -30.3203, -19.9133

Inverse Universe

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



11.7707, 22.6656, -11.8487



15.4887, 29.7999, -15.3784



15.8179, 4.1462, 9.8191



11.6389, 0.5456, -0.0689



17.9239, 34.4708, -17.6861



44.8048, 86.0217, -43.0790

Previews

White Background



This preview shows how the HunterLab color 18.1560, -8.2903, -4.7971 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

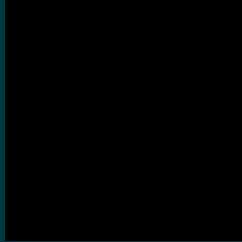
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

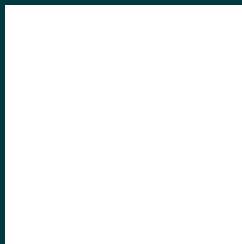
Any Text WCAG AAA × Fail

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

HunterLab 18.1560, -8.2903, -4.7971 Background



This preview shows how black text looks on a background with the HunterLab color 18.1560, -8.2903, -4.7971.



This preview shows how white text looks on a background with the HunterLab color 18.1560, -8.2903, -4.7971.

-4.7971.

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

18.1560, -8.2903, -4.7971

Protanopia

18.3630, 0.0869, -2.4861

Deuteranopia

18.4453, 0.6679, -4.6976

Trichromacy



Original Color

18.1560, -8.2903, -4.7971

Protanomaly

17.8611, -4.1632, -3.7221

Deuteranomaly

17.9420, -3.6187, -5.5336

Monochromacy



Original Color

18.1560, -8.2903, -4.7971

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.7302, -4.8679, -1.3446

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1560, -8.2903, -4.7971 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, 64)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 64)  
}
```

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, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1560, -8.2903, -4.7971 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, 64) }
```

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

```
.border{ border-color:rgb(0, 57, 64) }
```

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, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 64); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 57, 64); box-shadow:4px  
4px 4px 4px rgb(0, 57, 64) }
```


Background

The CSS property to change the background color of an element to HunterLab 18.1560, -8.2903, -4.7971 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, 64) }
```

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

```
.background{ background-color: rgb(0, 57,  
64) }
```

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