

Converting Colors

HunterLab(19.0081, -2.9334,
-1.6745)

Have a look what the booklet for
HunterLab(19.0081, -2.9334,
-1.6745) contains.

HunterLab(18.9581, -2.8540, -1.7377)	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(18.9581, -2.8540,
-1.7377)**

Conversions

Conversions Part 1

Format	Color
Hex	2C373C
RGB	44, 55, 60
RGB Percent	17%, 22%, 24%
CMY	0.8274, 0.7843, 0.7647
CMYK	0.27, 0.08, 0.00, 0.76
HSL	199°, 15%, 20%
HSV	199°, 27%, 24%
XYZ	3.2205, 3.5941, 4.7990
YIQ	52.2810, -8.1610, -0.7770

Conversions

Conversions Part 2

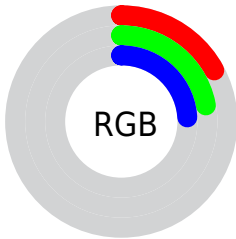
Format	Color
RYB	44, 51, 60
Decimal	2897724
CIELab	22.28, -3.21, -4.64
CIELCh	22, 5.646, 235.334
Yxy	3.5942, 0.2773, 0.3095
Android (android.graphics.Color)	4281087804 (0xFF2C373C)
YUV	52.2810, 3.8055, -7.2624
Hunter-Lab	18.9581, -2.8540, -1.7377

Details

The HunterLab color **18.9581, -2.8540, -1.7377** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.2733, 1.3947, 3.5526**, and the grayscale version is **18.6156, -0.9933, 1.0114**.

A 20% lighter version of the original color is **35.6902, -4.3337, -1.1914**, and **5.3199, -1.6311, -3.1283** is the 20% darker color. If you saturate the color by 10%, you get **18.1552, -3.3193, -2.8321**, and if you desaturate by 10%, it is **19.7949, -2.2859, -0.6471**.

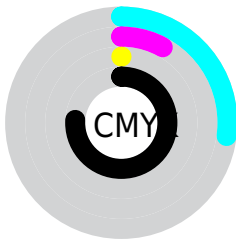
Distribution



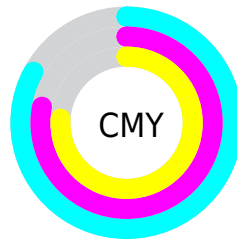
- Red (17%)
- Green (22%)
- Blue (24%)



- Red (17%)
- Yellow (20%)
- Blue (24%)



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)
- Black (76%)



- Cyan (83%)
- Magenta (78%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9581, -2.8540, -1.7377 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 18.9581, -2.8540, -1.7377 by changing the saturation by 10% instead.

■ 18.9581, -2.8540,
-1.7377

■ 18.9581, -2.8540,
-1.7377

■ 116.2950, -9.6293,
1.5013

■ 12.0386, -2.2150,
-1.7833

■ 35.6134, -4.1899,
-1.3985

■ 5.0262, -3.0526,
-3.5563

■ 45.1618, -4.8930,
-1.1297

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.4377, -5.6210,
-0.8051

0.0000, NaN, NaN

■ 66.3928, -6.3740,
-0.4300

0.0000, NaN, NaN

■ 77.9872, -7.1517,
-0.0086

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.1876, -7.9538,

0.4555

0.0000, NaN, NaN

102.9652, -8.7798,
0.9596

18.9581, -2.8540,
-1.7377

18.9581, -2.8540,
-1.7377

18.1552, -3.3193,
-2.8321

19.7949, -2.2859,
-0.6471

17.3869, -3.6714,
-3.9285

20.6625, -1.6236,
0.4368

16.6559, -3.9008,
-5.0229

21.5593, -0.8760,
1.5128

15.9637, -3.9985,
-6.1108

22.4836, -0.0514,
2.5800

15.3122, -3.9568,
-7.1871

23.4336, 0.8430,
3.6381

■ 14.7000, -3.7794,
-8.2507

■ 24.4079, 1.8004,
4.6869

■ 14.0942, -3.5866,
-9.3617

■ 25.4048, 2.8150,
5.7265

■ 13.8914, -3.5274,
-9.7483

■ 26.4231, 3.8813,
6.7572

■ 27.4616, 4.9947,
7.7793

Harmonies

Analogous

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



18.9585, -3.9055, -0.3618



18.9581, -2.8540, -1.7377



18.9585, -1.2804, -2.3730

Triad

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



18.9585, -2.8543, -1.7374



18.9585, 2.3917, 0.7747



18.9585, -2.4048, 3.6569

Complementary

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



18.9581, -2.8540, -1.7377



18.2733, 1.3947, 3.5526

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.



18.9585, -0.7433, 3.9031



18.9581, -2.8540, -1.7377



18.9585, 2.0649, 2.3273

Square

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



18.9585, -2.8543, -1.7374



18.9585, 1.7802, -0.8429



18.9585, 0.9022, 3.4378



18.9585, -3.6525, 2.7329

Rectangle

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



18.9581, -2.8540, -1.7377



18.9585, -0.1315, -2.2539



18.9585, 0.9022, 3.4378



18.9585, -1.8779, 3.8180

Sweetspot

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



18.9585, -2.8543, -1.7374



26.9984, -2.2950, 0.3307



19.9683, -6.2962, 3.6318



14.2570, -1.2544, 0.1150



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.



18.9585, -2.8543, -1.7374



24.2236, -4.1926, -3.2756



17.0612, 0.2630, -4.3386



11.1709, -0.9528, 0.1323



21.4013, -4.7656, -16.4622



52.8163, -9.6965, -45.0840

Inverse Universe

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



17.4297, 4.8693, -1.4703



21.7640, 8.4850, -2.7474



20.1224, -1.7588, 5.3472



10.8900, 0.4046, 0.1591



16.6685, 30.8259, -6.9080



42.1787, 77.6483, -14.7296

Previews

White Background



This preview shows how the HunterLab color 18.9581, -2.8540, -1.7377 looks on a white background.

Color Contrast Check

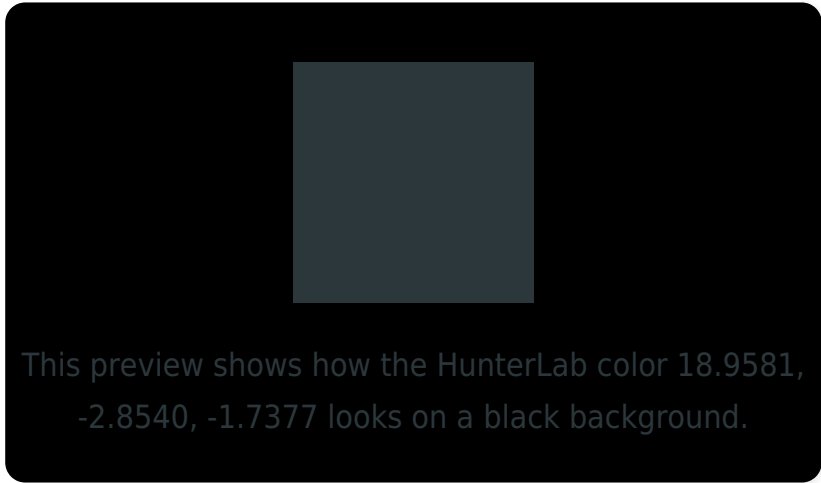
Large Text (above 18pt) WCAG AA ✓ Pass

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

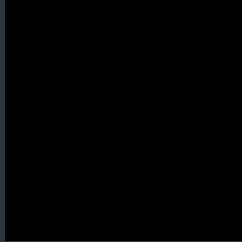
Any Text WCAG AA × Fail

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 18.9581, -2.8540, -1.7377 Background



This preview shows how black text looks on a background with the HunterLab color 18.9581, -2.8540, -1.7377.



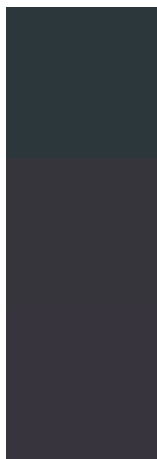
This preview shows how white text looks on a background with the HunterLab color 18.9581, -2.8540, -1.7377.

-1.7377.

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

18.9581, -2.8540, -1.7377

Protanopia

19.0233, -0.1612, -1.1767

Deuteranopia

18.9872, 1.0473, -2.0679



Tritanopia

18.9304, -3.0083, -1.3470

Trichromacy



Original Color

18.9581, -2.8540, -1.7377

Protanomaly

19.0584, -1.2833, -1.1510

Deuteranomaly

18.9392, -0.3389, -2.1566

Tritanomaly

18.9304, -3.0083, -1.3470

Monochromacy



Original Color

18.9581, -2.8540, -1.7377

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.6414, -1.7002, -0.0389

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9581, -2.8540, -1.7377 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(44, 55, 60)` looks like.

```
.text, #text, p{  
    color:rgb(44, 55, 60)  
}
```

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(44, 55, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 55, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9581, -2.8540, -1.7377 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(44, 55, 60) }
```


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

```
.border{ border-color:rgb(44, 55, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 55, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 55, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 55, 60);  
box-shadow:4px 4px 4px 4px rgb(44, 55, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.9581, -2.8540, -1.7377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 55, 60) }
```

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

```
.background{ background-color: rgb(44, 55,  
60) }
```

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