

Converting Colors

HunterLab(18.9583, 1.8079,
-27.5986)

Have a look what the booklet for
HunterLab(18.9583, 1.8079,
-27.5986) contains.

HunterLab(18.9675, 1.7913, -27.5745)	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(18.9675, 1.7913,
-27.5745)**

Conversions

Conversions Part 1

Format	Color
Hex	003666
RGB	0, 54, 102
RGB Percent	0%, 21%, 40%
CMY	1.0000, 0.7882, 0.6000
CMYK	1.00, 0.47, 0.00, 0.60
HSL	208°, 100%, 20%
HSV	208°, 100%, 40%
XYZ	3.7175, 3.5977, 13.0689
YIQ	43.3260, -47.5920, 3.4800

Conversions

Conversions Part 2

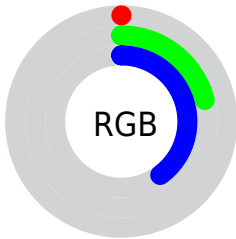
Format	Color
R_{YB}	0, 35, 102
Decimal	13926
CIE _{Lab}	22.29, 4.66, -32.63
CIE _{LCh}	22, 32.963, 278.132
Yxy	3.5978, 0.1824, 0.1765
Android (android.graphics.Color)	4278204006 (0xFF003666)
YUV	43.3260, 28.9263, -37.9969
Hunter-Lab	18.9675, 1.7913, -27.5745

Details

The HunterLab color **18.9675, 1.7913, -27.5745** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22.2253, 13.6070, 13.9325**, and the grayscale version is **15.5701, -0.8308, 0.8460**.

A 20% lighter version of the original color is **35.5573, 1.4837, -28.3158**, and **6.8645, 8.4591, -26.8407** is the 20% darker color. If you saturate the color by 10%, you get **18.9663, 1.7935, -27.5779**, and if you desaturate by 10%, it is **20.3291, 0.2475, -24.1310**.

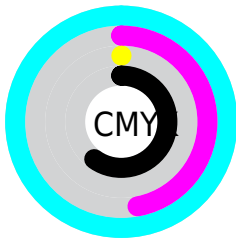
Distribution



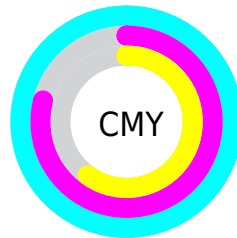
- Red (0%)
- Green (21%)
- Blue (40%)



- Red (0%)
- Yellow (14%)
- Blue (40%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (79%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9675, 1.7913, -27.5745 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 18.9675, 1.7913, -27.5745 by changing the saturation by 10% instead.

■ 18.9675, 1.7913,
-27.5745

■ 18.9675, 1.7913,
-27.5745

■ 116.3120, -1.1785,
-32.0430

■ 12.0466, 1.7915,
-27.7164

■ 35.6249, 1.5248,
-28.5206

■ 5.0399, 3.7622,
-38.7870

■ 45.1742, 1.2871,
-29.1262

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.4510, 0.9919,
-29.7225

0.0000, NaN, NaN

■ 66.4069, 0.6451,
-30.2847

0.0000, NaN, NaN

■ 78.0021, 0.2513,
-30.8014

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.2032, -0.1858,

-31.2676

0.0000, NaN, NaN

102.9815, -0.6632,
-31.6815

18.9675, 1.7913,
-27.5745

18.9675, 1.7913,
-27.5745

18.9663, 1.7935,
-27.5779

20.3291, 0.2475,
-24.1310

21.7587, -1.1103,
-20.8651

23.2973, -2.1299,
-17.6726

24.9371, -2.8315,
-14.5708

26.6695, -3.2425,
-11.5691

■ 28.4862, -3.3930,
-8.6701

■ 30.3795, -3.3125,
-5.8715

■ 32.3425, -3.0283,
-3.1679

■ 34.3690, -2.5650,
-0.5523

Harmonies

Analogous

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



18.9678, -7.6731, -25.0914



18.9675, 1.7913, -27.5745



18.9678, 12.4196, -19.8001

Triad

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



18.9678, 1.7918, -27.5740



18.9678, 16.6586, 9.2246



18.9678, -15.7940, 6.6720

Complementary

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



18.9675, 1.7913, -27.5745



22.2253, 13.6070, 13.9325

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.



18.9678, -11.5100, 10.5434



18.9675, 1.7913, -27.5745



18.9678, 6.7152, 11.5624

Square

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



18.9678, 1.7918, -27.5740



18.9678, 22.0939, 3.4478



18.9678, -3.6639, 12.0083



18.9678, -16.5741, -1.7493

Rectangle

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



18.9675, 1.7913, -27.5745



18.9678, 18.2940, -11.4267



18.9678, -3.6639, 12.0083



18.9678, -14.7664, 8.3872

Sweetspot

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



18.9678, 1.7918, -27.5740



40.0092, -4.4072, -8.0934



31.1658, -24.3167, 13.5396



19.0710, -2.1668, -4.4551



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



18.9678, 1.7918, -27.5740



24.6718, 3.1884, -37.7205



10.1657, 24.9739, -66.6140



17.2651, -1.2508, -0.1387



21.3127, 2.3620, -31.7378



46.8257, 8.8378, -77.6062

Inverse Universe

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



17.5824, 31.6217, -0.3813



23.2351, 41.7044, 0.1799



34.1659, -8.0482, 20.9114



16.9363, 0.7606, 0.4315



19.9050, 35.7667, -0.1516



45.2618, 80.9693, 2.4482

Previews

White Background



This preview shows how the HunterLab color 18.9675, 1.7913, -27.5745 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



This preview shows how the HunterLab color 18.9675, 1.7913, -27.5745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

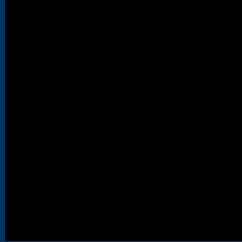
Any Text WCAG AA × Fail

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 18.9675, 1.7913, -27.5745 Background



This preview shows how black text looks on a background with the HunterLab color 18.9675, 1.7913, -27.5745.



This preview shows how white text looks on a background with the HunterLab color 18.9675, 1.7913,

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

18.9675, 1.7913, -27.5745

Protanopia

19.0717, 4.3892, -25.6528

Deuteranopia

18.9617, -0.0102, -23.6783



Tritanopia

18.9786, -9.3111, -3.6216

Trichromacy



Original Color

18.9675, 1.7913, -27.5745

Protanomaly

19.0115, 3.0796, -26.6276

Deuteranomaly

19.0610, 0.5275, -24.9634

Tritanomaly

18.9108, -5.8319, -11.0474

Monochromacy



Original Color

18.9675, 1.7913, -27.5745

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.2364, -2.0954, -7.7443

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9675, 1.7913, -27.5745 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, 54, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 54, 102)  
}
```

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, 54, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 54, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9675, 1.7913, -27.5745 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, 54, 102) }
```


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

```
.border{ border-color:rgb(0, 54, 102) }
```

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

Here you see how a box with a 4 pixel rgb(0, 54, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 54, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 54, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 54, 102)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.9675, 1.7913, -27.5745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 54, 102) }
```

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

```
.background{ background-color: rgb(0, 54,  
102) }
```

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