

Converting Colors

HunterLab(17.8676, 2.9463,
-19.5747)

Have a look what the booklet for
HunterLab(17.8676, 2.9463,
-19.5747) contains.

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Color

**HunterLab(17.8676, 2.9463,
-19.5747)**

Conversions

Conversions Part 1

Format	Color
Hex	1F3158
RGB	31, 49, 88
RGB Percent	12%, 19%, 35%
CMY	0.8784, 0.8078, 0.6549
CMYK	0.65, 0.44, 0.00, 0.65
HSL	221°, 48%, 23%
HSV	221°, 65%, 35%
XYZ	3.4248, 3.1925, 9.6682
YIQ	48.0640, -23.2470, 8.3130

Conversions

Conversions Part 2

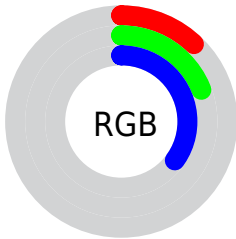
Format	Color
R_{YB}	31, 45, 88
Decimal	2044248
CIE Lab	20.80, 6.53, -25.78
CIE LCh	21, 26.594, 284.216
Yxy	3.1926, 0.2103, 0.1960
Android (android.graphics.Color)	4280234328 (0xFF1F3158)
YUV	48.0640, 19.6884, -14.9651
Hunter-Lab	17.8676, 2.9463, -19.5747




Details

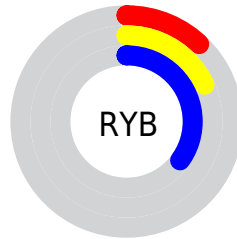
The HunterLab color **17.8676, 2.9463, -19.5747** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25.6013, 0.2540, 12.7773**, and the grayscale version is **17.1559, -0.9154, 0.9321**.




A 20% lighter version of the original color is **34.3056, 2.7839, -20.3686**, and **4.3460, 10.0053, -27.0306** is the 20% darker color. If you saturate the color by 10%, you get **16.1361, 4.5054, -23.9021**, and if you desaturate by 10%, it is **19.7135, 1.6851, -15.5909**.

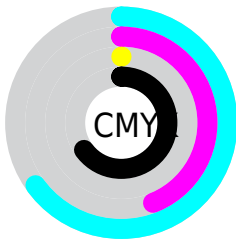
Distribution







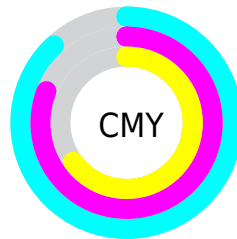
-  Red (12%)
-  Green (19%)
-  Blue (35%)






-  Red (12%)
-  Yellow (18%)
-  Blue (35%)



-  Cyan (65%)
-  Magenta (44%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (88%)
-  Magenta (81%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8676, 2.9463, -19.5747 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 17.8676, 2.9463, -19.5747 by changing the saturation by 10% instead.

■ 17.8676, 2.9463,
-19.5747

■ 17.8676, 2.9463,
-19.5747

■ 114.2848, 0.9302,
-23.0772

■ 11.1045, 2.7865,
-19.3336

■ 34.2632, 2.9473,
-20.6049

■ 2.9748, 9.4078,
-42.4213

■ 43.6990, 2.8263,
-21.1214

0.0000, NaN, -NF

■ 53.8703, 2.6397,
-21.5908

0.0000, NaN, NaN

■ 64.7273, 2.3947,
-22.0040

0.0000, NaN, NaN

■ 76.2293, 2.0973,
-22.3583

0.0000, NaN, NaN

■ 88.3417, 1.7517,

0.0000, NaN, NaN

-22.6541

0.0000, NaN, NaN

101.0354, 1.3616,
-22.8931

17.8676, 2.9463,
-19.5747

17.8676, 2.9463,
-19.5747

16.1361, 4.5054,
-23.9021

19.7135, 1.6851,
-15.5909

14.5388, 6.4012,
-28.5801

21.6560, 0.6775,
-11.9208

13.0804, 8.5972,
-33.6383

23.6819, -0.1167,
-8.5241

12.3493, 9.7790,
-36.5456

25.7804, -0.7328,
-5.3603

27.9428, -1.1999,
-2.3928

■ 30.1621, -1.5419,
0.4102

■ 32.4328, -1.7784,
3.0758

■ 34.7500, -1.9252,
5.6266

■ 37.1098, -1.9953,
8.0812

Harmonies

Analogous

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



17.8679, -4.9155, -19.3716



17.8676, 2.9463, -19.5747



17.8679, 10.9705, -12.8585

Triad

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



17.8679, 2.9465, -19.5742



17.8679, 11.3394, 8.4190



17.8679, -13.3870, 4.4852

Complementary

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



17.8676, 2.9463, -19.5747



25.6013, 0.2540, 12.7773

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.



17.8679, -10.3927, 8.5579



17.8676, 2.9463, -19.5747



17.8679, 3.3850, 10.1250

Square

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



17.8679, 2.9465, -19.5742



17.8679, 16.3585, 4.1806



17.8679, -4.5468, 10.1687



17.8679, -13.4628, -2.9687

Rectangle

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



17.8676, 2.9463, -19.5747



17.8679, 14.9521, -6.5566



17.8679, -4.5468, 10.1687



17.8679, -12.7154, 6.2013

Sweetspot

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



17.8679, 2.9465, -19.5742



35.5508, -1.3090, -5.0414



27.7712, -15.4411, 4.4889



17.6227, -0.5988, -2.9126



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



17.8679, 2.9465, -19.5742



20.0863, 7.3581, -35.1484



14.7156, 12.8712, -27.9057



14.6704, -0.7113, -0.3460



14.8235, 12.9051, -46.3864



32.9896, 36.3711, -119.7489

Inverse Universe

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



18.1014, 18.3085, 1.9567



21.4370, 29.4709, 4.2395



29.4605, -10.0987, 15.3674



14.5912, 0.4806, 0.7025



18.0179, 31.4914, 6.7190



42.5319, 74.0021, 18.4529

Previews

White Background



This preview shows how the HunterLab color 17.8676, 2.9463, -19.5747 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 17.8676, 2.9463, -19.5747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

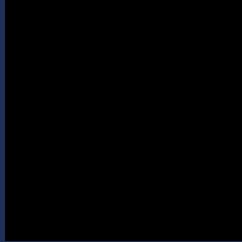
Any Text WCAG AA × Fail

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 17.8676, 2.9463, -19.5747 Background



This preview shows how black text looks on a background with the HunterLab color 17.8676, 2.9463, -19.5747.



This preview shows how white text looks on a background with the HunterLab color 17.8676, 2.9463,

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

17.8676, 2.9463, -19.5747

Protanopia

17.9117, 3.0899, -19.4697

Deuteranopia

17.9184, 0.6586, -19.4967



Tritanopia

17.7538, -7.3122, -3.4647

Trichromacy



Original Color

17.8676, 2.9463, -19.5747

Protanomaly

17.9117, 3.0899, -19.4697

Deuteranomaly

17.7987, 1.5001, -19.7611

Tritanomaly

17.7119, -4.1171, -8.5544

Monochromacy



Original Color

17.8676, 2.9463, -19.5747

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.2193, 0.0219, -5.5815

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8676, 2.9463, -19.5747 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(31, 49, 88)` looks like.

```
.text, #text, p{  
    color:rgb(31, 49, 88)  
}
```

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(31, 49, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 49, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8676, 2.9463, -19.5747 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(31, 49, 88) }
```


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

```
.border{ border-color:rgb(31, 49, 88) }
```

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

Here you see how a box with a 4 pixel rgb(31, 49, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 49, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 49, 88);  
box-shadow:4px 4px 4px 4px rgb(31, 49, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.8676, 2.9463, -19.5747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 49, 88) }
```

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

```
.background{ background-color: rgb(31, 49,  
88) }
```

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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