

Converting Colors

HunterLab(18.0307, -1.4136,
-31.2608)

Have a look what the booklet for
HunterLab(18.0307, -1.4136,
-31.2608) contains.

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Color

**HunterLab(19.0200, 2.0710,
-28.2441)**

Conversions

Conversions Part 1

Format	Color
Hex	003667
RGB	0, 54, 103
RGB Percent	0%, 21%, 40%
CMY	1.0000, 0.7882, 0.5961
CMYK	1.00, 0.48, 0.00, 0.60
HSL	209°, 100%, 20%
HSV	209°, 100%, 40%
XYZ	3.7673, 3.6176, 13.3317
YIQ	43.4400, -47.9130, 3.7910

Conversions

Conversions Part 2

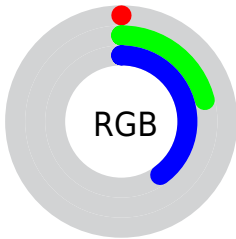
Format	Color
RYB	0, 35, 103
Decimal	13927
CIELab	22.37, 5.11, -33.17
CIElCh	22, 33.558, 278.766
Yxy	3.6177, 0.1819, 0.1746
Android (android.graphics.Color)	4278204007 (0xFF003667)
YUV	43.4400, 29.3631, -38.0969
Hunter-Lab	19.0200, 2.0710, -28.2441

Details

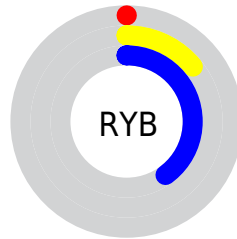
The HunterLab color **19.0200, 2.0710, -28.2441** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22.5412, 13.5483, 14.1262**, and the grayscale version is **15.6059, -0.8327, 0.8479**.

A 20% lighter version of the original color is **35.6509, 1.9869, -29.5698**, and **6.9347, 8.7524, -27.5616** is the 20% darker color. If you saturate the color by 10%, you get **19.0189, 2.0731, -28.2472**, and if you desaturate by 10%, it is **20.4048, 0.4743, -24.7044**.

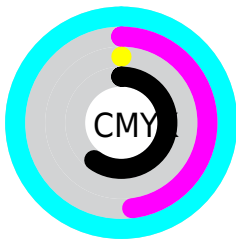
Distribution



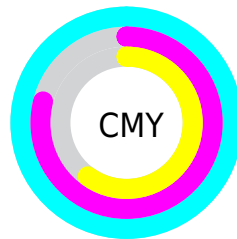
- Red (0%)
- Green (21%)
- Blue (40%)



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



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0200, 2.0710, -28.2441 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 19.0200, 2.0710, -28.2441 by changing the saturation by 10% instead.

■ 19.0200, 2.0710,
-28.2441

■ 19.0200, 2.0710,
-28.2441

■ 116.4081, -0.6904,
-32.7645

■ 12.0917, 2.0376,
-28.4286

■ 35.6897, 1.8620,
-29.1719

■ 5.1169, 4.0818,
-39.3894

■ 45.2443, 1.6498,
-29.7813

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.5260, 1.3783,
-30.3851

0.0000, NaN, NaN

■ 66.4866, 1.0538,
-30.9571

0.0000, NaN, NaN

■ 78.0862, 0.6813,
-31.4851

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.2915, 0.2644,

-31.9634

0.0000, NaN, NaN

103.0738, -0.1937,
-32.3899

19.0200, 2.0710,
-28.2441

19.0200, 2.0710,
-28.2441

19.0189, 2.0731,
-28.2472

20.4048, 0.4743,
-24.7044

21.8607, -0.9286,
-21.3486

23.4283, -1.9872,
-18.0725

25.0991, -2.7221,
-14.8941

26.8643, -3.1619,
-11.8223

■ 28.7153, -3.3374,
-8.8592

■ 30.6442, -3.2788,
-6.0019

■ 32.6438, -3.0143,
-3.2443

■ 34.7078, -2.5689,
-0.5787

Harmonies

Analogous

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



19.0203, -7.6211, -25.9202



19.0200, 2.0710, -28.2441



19.0203, 12.9142, -20.0604

Triad

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



19.0203, 2.0715, -28.2436



19.0203, 16.8537, 9.4133



19.0203, -16.0824, 6.6364

Complementary

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



19.0200, 2.0710, -28.2441



22.5412, 13.5483, 14.1262

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.



19.0203, -11.8200, 10.6130



19.0200, 2.0710, -28.2441



19.0203, 6.6352, 11.7275

Square

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



19.0203, 2.0715, -28.2436



19.0203, 22.5548, 3.6688



19.0203, -3.9181, 12.1386



19.0203, -16.7983, -2.0385

Rectangle

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



19.0200, 2.0710, -28.2441



19.0203, 18.8656, -11.4282



19.0203, -3.9181, 12.1386



19.0203, -15.0678, 8.4002

Sweetspot

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



19.0203, 2.0715, -28.2436



40.7723, -4.4062, -8.3662



31.4875, -24.5737, 13.6922



19.7399, -2.1999, -4.7123



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



19.0203, 2.0715, -28.2436



24.9816, 3.6366, -39.0753



10.2669, 25.2493, -67.3352



17.2588, -1.2405, -0.1463



21.1661, 2.6307, -32.1346



46.4790, 9.5003, -78.6032

Inverse Universe

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



17.7487, 31.8926, -0.1637



23.6988, 42.4964, 0.4966



34.5184, -8.1298, 21.1272



16.9356, 0.7571, 0.4407



19.8892, 35.7094, 0.0729



45.2257, 80.8381, 2.9631

Previews

White Background



This preview shows how the HunterLab color 19.0200, 2.0710, -28.2441 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 19.0200, 2.0710, -28.2441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

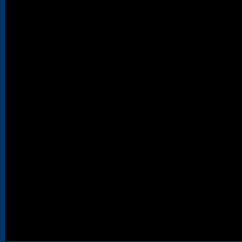
Any Text WCAG AA × Fail

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 19.0200, 2.0710, -28.2441 Background



This preview shows how black text looks on a background with the HunterLab color 19.0200, 2.0710, -28.2441.



This preview shows how white text looks on a background with the HunterLab color 19.0200, 2.0710,

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

19.0200, 2.0710, -28.2441

Protanopia

19.0852, 4.5344, -26.4086

Deuteranopia

18.9617, -0.0102, -23.6783



Tritanopia

18.9786, -9.3111, -3.6216

Trichromacy



Original Color

19.0200, 2.0710, -28.2441

Protanomaly

19.0634, 3.3519, -27.2904

Deuteranomaly

19.0610, 0.5275, -24.9634

Tritanomaly

18.9108, -5.8319, -11.0474

Monochromacy



Original Color

19.0200, 2.0710, -28.2441

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.2717, -1.8993, -8.2291

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0200, 2.0710, -28.2441 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, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 54, 103)  
}
```

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, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 54, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0200, 2.0710, -28.2441 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, 103) }
```


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

```
.border{ border-color:rgb(0, 54, 103) }
```

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, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 54, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 54, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 54, 103)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.0200, 2.0710, -28.2441 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, 103) }
```

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

```
.background{ background-color: rgb(0, 54,  
103) }
```

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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