

Converting Colors

HunterLab(19.2213, -4.7624,
-20.5574)

Have a look what the booklet for
HunterLab(19.2213, -4.7624,
-20.5574) contains.

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Color

**HunterLab(19.8396, -2.4702,
-19.4652)**

Conversions

Conversions Part 1

Format	Color
Hex	003B5E
RGB	0, 59, 94
RGB Percent	0%, 23%, 37%
CMY	1.0000, 0.7686, 0.6314
CMYK	1.00, 0.37, 0.00, 0.63
HSL	202°, 100%, 18%
HSV	202°, 100%, 37%
XYZ	3.5844, 3.9361, 11.1605
YIQ	45.3490, -46.3990, -1.6230

Conversions

Conversions Part 2

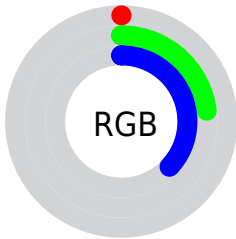
Format	Color
RYB	0, 36, 94
Decimal	15198
CIELab	23.46, -2.41, -25.57
CIELCh	23, 25.679, 264.617
Yxy	3.9362, 0.1919, 0.2107
Android (android.graphics.Color)	4278205278 (0xFF003B5E)
YUV	45.3490, 23.9849, -39.7711
Hunter-Lab	19.8396, -2.4702, -19.4652

Details

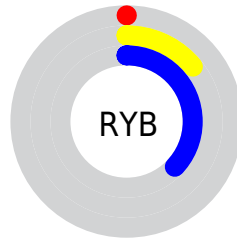
The HunterLab color **19.8396, -2.4702, -19.4652** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **18.9270, 16.0836, 11.9435**, and the grayscale version is **16.2496, -0.8670, 0.8829**.

A 20% lighter version of the original color is **36.7100, -3.7302, -20.7100**, and **7.8377, 2.9993, -16.2711** is the 20% darker color. If you saturate the color by 10%, you get **19.8389, -2.4690, -19.4670**, and if you desaturate by 10%, it is **20.9018, -3.3735, -17.2184**.

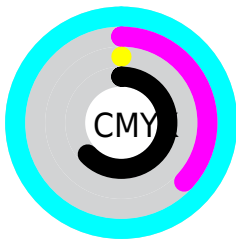
Distribution



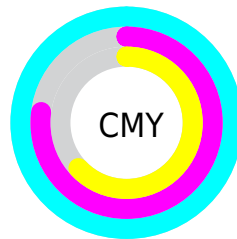
- Red (0%)
- Green (23%)
- Blue (37%)



- Red (0%)
- Yellow (14%)
- Blue (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (77%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8396, -2.4702, -19.4652 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 19.8396, -2.4702, -19.4652 by changing the saturation by 10% instead.

■ 19.8396, -2.4702,
-19.4652

■ 19.8396, -2.4702,
-19.4652

■ 117.9000, -8.8768,
-22.8459

■ 12.7982, -1.8962,
-19.1127

■ 36.6982, -3.6995,
-20.5146

■ 6.1886, -2.0269,
-22.6076

■ 46.3351, -4.3573,
-21.0156

0.0000, NaN, -NF

■ 56.6933, -5.0436,
-21.4653

0.0000, NaN, NaN

■ 67.7255, -5.7576,
-21.8571

0.0000, NaN, NaN

■ 79.3930, -6.4986,
-22.1898

0.0000, NaN, NaN

■ 91.6628, -7.2660,

0.0000, NaN, NaN

0.0000, NaN, NaN

-22.4641

0.0000, NaN, NaN

■ 104.5066, -8.0589,
-22.6821

■ 19.8396, -2.4702,
-19.4652

■ 19.8396, -2.4702,
-19.4652

■ 19.8389, -2.4690,
-19.4670

■ 20.9018, -3.3735,
-17.2184

■ 22.0029, -4.1602,
-15.0505

■ 23.1867, -4.6703,
-12.8731

■ 24.4503, -4.9125,
-10.6992

■ 25.7897, -4.9029,
-8.5400

■ 27.2001, -4.6612,
-6.4043

■ 28.6768, -4.2083,
-4.2979

■ 30.2149, -3.5650,
-2.2242

■ 31.8101, -2.7510,
-0.1850

Harmonies

Analogous

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



19.8399, -9.1385, -14.7563



19.8396, -2.4702, -19.4652



19.8399, 5.6987, -17.1468

Triad

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



19.8399, -2.4699, -19.4648



19.8399, 14.7901, 6.2211



19.8399, -12.0224, 7.7761

Complementary

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



19.8396, -2.4702, -19.4652



18.9270, 16.0836, 11.9435

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.



19.8399, -7.0193, 10.2581



19.8396, -2.4702, -19.4652



19.8399, 8.5627, 9.6388

Square

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



19.8399, -2.4699, -19.4648



19.8399, 16.5149, -0.3295



19.8399, 0.3910, 10.7727



19.8399, -14.0711, 2.3930

Rectangle

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



19.8396, -2.4702, -19.4652



19.8399, 10.8241, -12.2658



19.8399, 0.3910, 10.7727



19.8399, -10.6724, 8.8782

Sweetspot

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



19.8399, -2.4699, -19.4648



37.7589, -5.6362, -5.9478



28.5023, -22.9592, 13.9381



18.2196, -2.8485, -3.2820



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



19.8399, -2.4699, -19.4648



25.8803, -2.6723, -26.5793



10.4139, 18.7764, -53.5460



15.7794, -1.3035, 0.0271



23.1349, -2.5832, -23.3401



52.5053, -3.3897, -58.3096

Inverse Universe

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



16.4185, 30.0374, -4.2993



21.6798, 39.5872, -5.0593



28.8694, -3.5705, 17.7262



15.3923, 0.7118, 0.2458



19.2874, 35.2462, -4.7154



44.9391, 81.7768, -8.3036

Previews

White Background



This preview shows how the HunterLab color 19.8396, -2.4702, -19.4652 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 19.8396, -2.4702, -19.4652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

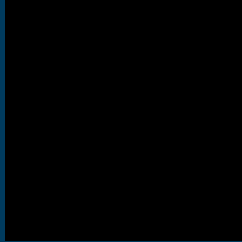
Any Text WCAG AA × Fail

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 19.8396, -2.4702, -19.4652 Background



This preview shows how black text looks on a background with the HunterLab color 19.8396, -2.4702, -19.4652.



This preview shows how white text looks on a background with the HunterLab color 19.8396, -2.4702, -19.4652.

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

19.8396, -2.4702, -19.4652

Protanopia

20.0032, 2.9263, -16.9593

Deuteranopia

20.1092, 1.1474, -19.5096



Tritanopia

19.9004, -9.7947, -3.7298

Trichromacy



Original Color

19.8396, -2.4702, -19.4652

Protanomaly

19.5808, 0.3560, -18.5870

Deuteranomaly

20.0026, -0.4953, -19.7740

Tritanomaly

19.9526, -7.5222, -8.7007

Monochromacy



Original Color

19.8396, -2.4702, -19.4652

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

17.0332, -3.1429, -5.9284

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8396, -2.4702, -19.4652 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, 59, 94)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 94)  
}
```

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, 59, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8396, -2.4702, -19.4652 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, 59, 94) }
```


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

```
.border{ border-color:rgb(0, 59, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 59, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 59, 94); box-shadow:4px  
4px 4px 4px rgb(0, 59, 94) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.8396, -2.4702, -19.4652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 59, 94) }
```

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

```
.background{ background-color: rgb(0, 59,  
94) }
```

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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