

Converting Colors

HunterLab(19.4283, 19.6703,
-66.7461)

Have a look what the booklet for
HunterLab(19.4283, 19.6703,
-66.7461) contains.

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Color

**HunterLab(19.4539, 19.7116,
-66.8674)**

Conversions

Conversions Part 1

Format	Color
Hex	002C8F
RGB	0, 44, 143
RGB Percent	0%, 17%, 56%
CMY	0.9999, 0.8275, 0.4392
CMYK	1.00, 0.69, 0.00, 0.44
HSL	222°, 100%, 28%
HSV	222°, 100%, 56%
XYZ	5.8586, 3.7845, 26.4083
YIQ	42.1300, -58.0030, 21.4610

Conversions

Conversions Part 2

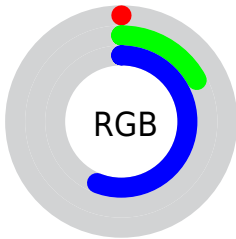
Format	Color
RYB	0, 34, 143
Decimal	11407
CIELab	22.95, 29.64, -57.58
CIELCh	23, 64.759, 297.240
Yxy	3.7846, 0.1625, 0.1050
Android (android.graphics.Color)	4278201487 (0xFF002C8F)
YUV	42.1300, 49.7289, -36.9480
Hunter-Lab	19.4539, 19.7116, -66.8674

Details

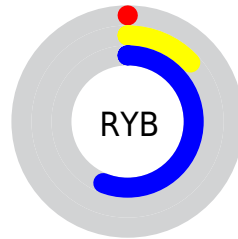
The HunterLab color **19.4539, 19.7116, -66.8674** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **38.4286, 6.1024, 23.7855**, and the grayscale version is **15.1171, -0.8066, 0.8213**.

A 20% lighter version of the original color is **36.1400, 22.3635, -64.9882**, and **8.6910, 23.5743, -61.7531** is the 20% darker color. If you saturate the color by 10%, you get **19.4510, 19.7198, -66.8814**, and if you desaturate by 10%, it is **21.6984, 15.1589, -57.3718**.

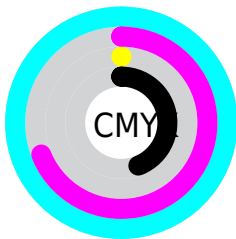
Distribution



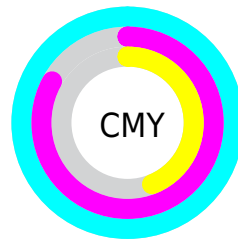
- Red (0%)
- Green (17%)
- Blue (56%)



- Red (0%)
- Yellow (13%)
- Blue (56%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (83%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4539, 19.7116, -66.8674 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 19.4539, 19.7116, -66.8674 by changing the saturation by 10% instead.

■ 19.4539, 19.7116,
-66.8674

■ 19.4539, 19.7116,
-66.8674

■ 117.1995, 27.2795,
-68.9433

■ 12.4652, 18.2713,
-71.6627

■ 36.2240, 22.1812,
-64.5427

■ 5.7110, 22.7778,
-99.8467

■ 45.8224, 23.2120,
-64.6720

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.1448, 24.1245,
-65.1406

0.0000, NaN, -NF

■ 67.1435, 24.9307,
-65.7924

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.7792, 25.6412,
-66.5407

0.0000, NaN, NaN

■ 91.0188, 26.2647,

-67.3342

0.0000, NaN, NaN

103.8338, 26.8087,
-68.1417

19.4539, 19.7116,
-66.8674

19.4539, 19.7116,
-66.8674

19.4510, 19.7198,
-66.8814

21.6984, 15.1589,
-57.3718

24.2558, 11.0990,
-48.3806

27.1167, 7.7081,
-39.9753

30.2309, 4.9468,
-32.2514

33.5567, 2.7347,
-25.1895

■ 37.0609, 0.9847,
-18.7196

■ 40.7173, -0.3824,
-12.7572

■ 44.5055, -1.4337,
-7.2205

■ 48.4093, -2.2239,
-2.0370

Harmonies

Analogous

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



19.4541, -2.8447, -81.4234



19.4539, 19.7116, -66.8674



19.4541, 42.6301, -30.6499

Triad

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



19.4541, 19.7131, -66.8670



19.4541, 24.2456, 13.6178



19.4541, -26.3793, 2.7289

Complementary

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



19.4539, 19.7116, -66.8674



38.4286, 6.1024, 23.7855

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.



19.4541, -23.8671, 12.6549



19.4539, 19.7116, -66.8674



19.4541, 0.8349, 13.6178

Square

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



19.4541, 19.7131, -66.8670



19.4541, 45.9023, 11.5039



19.4541, -15.6171, 13.6178



19.4541, -24.6839, -23.9944

Rectangle

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



19.4539, 19.7116, -66.8674



19.4541, 51.9893, -8.7978



19.4541, -15.6171, 13.6178



19.4541, -26.0345, 7.4965

Sweetspot

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



19.4541, 19.7131, -66.8670



54.1657, -0.4067, -17.5712



45.3010, -31.9365, 12.3210



25.0443, 0.1157, -9.8312



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



19.4541, 19.7131, -66.8670



25.5015, 27.8513, -91.9977



14.8537, 38.7807, -93.8967



23.4707, -1.0971, -0.7860



18.3823, 18.2917, -62.4627



2.6047, 0.0642, -3.3943

Inverse Universe

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



24.5397, 42.7612, 10.1129



32.7962, 57.0730, 14.1492



48.3862, -21.4814, 29.4386



23.3446, 0.9947, 1.1318



23.0813, 40.2384, 9.4033



2.3350, 4.2196, -0.2030

Previews

White Background



This preview shows how the HunterLab color 19.4539, 19.7116, -66.8674 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 19.4539, 19.7116, -66.8674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

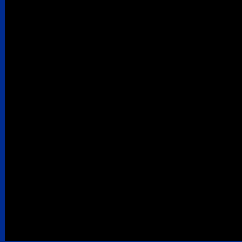
Any Text WCAG AA × Fail

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 19.4539, 19.7116, -66.8674 Background



This preview shows how black text looks on a background with the HunterLab color 19.4539, 19.7116, -66.8674.



This preview shows how white text looks on a background with the HunterLab color 19.4539, 19.7116, -66.8674.

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

19.4539, 19.7116, -66.8674

Protanopia

19.5719, 4.9644, -35.1798

Tritanopia

19.5625, -9.8099, -3.2746

Trichromacy



Original Color

19.4539, 19.7116, -66.8674

Protanomaly

19.3299, 10.3011, -46.3978

Tritanomaly

18.7688, -1.0618, -21.1673

Monochromacy



Original Color

19.4539, 19.7116, -66.8674

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.8911, 2.8238, -17.7573

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4539, 19.7116, -66.8674 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, 44, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 44, 143)  
}
```

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, 44, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 44, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4539, 19.7116, -66.8674 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, 44, 143) }
```

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

```
.border{ border-color:rgb(0, 44, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 44, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 44, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 44, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 44, 143)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 19.4539, 19.7116, -66.8674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 44, 143) }
```

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

```
.background{ background-color: rgb(0, 44,  
143) }
```

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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