

Converting Colors

HunterLab(19.4256, 18.2757,
-63.7323)

Have a look what the booklet for
HunterLab(19.4256, 18.2757,
-63.7323) contains.

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Color

**HunterLab(19.4171, 18.1626,
-63.4776)**

Conversions

Conversions Part 1

Format	Color
Hex	002D8C
RGB	0, 45, 140
RGB Percent	0%, 18%, 55%
CMY	0.9999, 0.8235, 0.4510
CMYK	1.00, 0.68, 0.00, 0.45
HSL	221°, 100%, 27%
HSV	221°, 100%, 55%
XYZ	5.6720, 3.7702, 25.2398
YIQ	42.3750, -57.3150, 20.0050

Conversions

Conversions Part 2

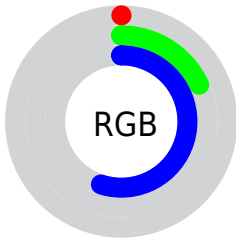
Format	Color
RYB	0, 34, 140
Decimal	11660
CIELab	22.90, 27.73, -55.79
CIElCh	23, 62.307, 296.430
Yxy	3.7703, 0.1635, 0.1087
Android (android.graphics.Color)	4278201740 (0xFF002D8C)
YUV	42.3750, 48.1291, -37.1629
Hunter-Lab	19.4171, 18.1626, -63.4776

Details

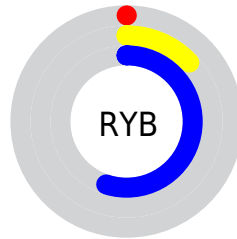
The HunterLab color **19.4171, 18.1626, -63.4776** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **37.0995, 6.8113, 22.9789**, and the grayscale version is **15.2017, -0.8111, 0.8259**.

A 20% lighter version of the original color is **36.1197, 20.7347, -62.1299**, and **8.6196, 22.4816, -59.3051** is the 20% darker color. If you saturate the color by 10%, you get **19.4143, 18.1701, -63.4904**, and if you desaturate by 10%, it is **21.6152, 13.8497, -54.4948**.

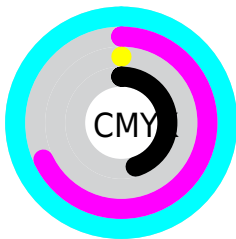
Distribution



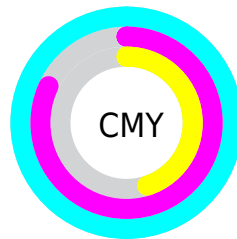
- Red (0%)
- Green (18%)
- Blue (55%)



- Red (0%)
- Yellow (13%)
- Blue (55%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (82%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4171, 18.1626, -63.4776 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 19.4171, 18.1626, -63.4776 by changing the saturation by 10% instead.

■ 19.4171, 18.1626,
-63.4776

■ 19.4171, 18.1626,
-63.4776

■ 117.1325, 25.0134,
-66.0729

■ 12.4335, 16.7967,
-67.7617

■ 36.1787, 20.4616,
-61.5565

■ 5.6632, 21.2859,
-94.3892

■ 45.7735, 21.4075,
-61.7671

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.0924, 22.2370,
-62.2801

0.0000, NaN, -NF

■ 67.0879, 22.9628,
-62.9530

0.0000, NaN, NaN

■ 78.7205, 23.5953,
-63.7068

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.9572, 24.1432,

-64.4951

0.0000, NaN, NaN

103.7695, 24.6139,
-65.2897

19.4171, 18.1626,
-63.4776

19.4171, 18.1626,
-63.4776

19.4143, 18.1701,
-63.4904

21.6152, 13.8497,
-54.4948

24.0991, 10.0203,
-46.0167

26.8657, 6.8365,
-38.0816

29.8698, 4.2559,
-30.7686

33.0736, 2.2014,
-24.0598

■ 36.4465, 0.5912,
-17.8934

■ 39.9645, -0.6496,
-12.1944

■ 43.6084, -1.5842,
-6.8897

■ 47.3630, -2.2647,
-1.9139

Harmonies

Analogous

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



19.4173, -3.2715, -76.1422



19.4171, 18.1626, -63.4776



19.4173, 40.0190, -29.8868

Triad

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



19.4173, 18.1640, -63.4772



19.4173, 23.7309, 13.5921



19.4173, -25.7785, 3.1089

Complementary

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



19.4171, 18.1626, -63.4776



37.0995, 6.8113, 22.9789

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.



19.4173, -23.1415, 12.5194



19.4171, 18.1626, -63.4776



19.4173, 1.3031, 13.5921

Square

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



19.4173, 18.1640, -63.4772



19.4173, 44.0111, 11.0849



19.4173, -14.8299, 13.5921



19.4173, -24.1952, -21.8118

Rectangle

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



19.4171, 18.1626, -63.4776



19.4173, 49.1165, -9.0575



19.4173, -14.8299, 13.5921



19.4173, -25.3951, 7.5974

Sweetspot

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



19.4173, 18.1640, -63.4772



52.7574, -0.7692, -16.6640



44.2185, -31.4873, 12.7042



24.4817, -0.0946, -9.3267



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



19.4173, 18.1640, -63.4772



25.2629, 25.5111, -86.6476



14.4229, 37.8199, -92.4446



22.6664, -1.0990, -0.7159



18.3897, 16.8918, -59.4500



2.1622, -0.0087, -2.6837

Inverse Universe

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



24.0112, 41.9044, 9.3991



31.8388, 55.4900, 13.0922



47.4505, -20.3282, 28.8822



22.5241, 0.9583, 1.0584



22.6398, 39.5291, 8.7555



1.9105, 3.4598, -0.2225

Previews

White Background



This preview shows how the HunterLab color 19.4171, 18.1626, -63.4776 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 19.4171, 18.1626, -63.4776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

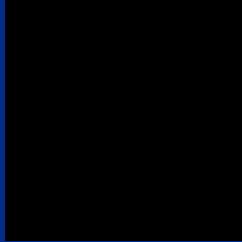
Any Text WCAG AA × Fail

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 19.4171, 18.1626, -63.4776 Background



This preview shows how black text looks on a background with the HunterLab color 19.4171, 18.1626, -63.4776.



This preview shows how white text looks on a background with the HunterLab color 19.4171, 18.1626, -63.4776.

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

19.4171, 18.1626, -63.4776

Protanopia

19.3351, 5.4337, -35.8971

Deuteranopia

19.4185, -1.1251, -21.8426



Tritanopia

19.5625, -9.8099, -3.2746

Trichromacy



Original Color

19.4171, 18.1626, -63.4776

Protanomaly

19.2646, 9.9815, -45.6264

Deuteranomaly

19.2771, 5.1349, -35.1794

Tritanomaly

18.9764, -1.7355, -19.9724

Monochromacy



Original Color

19.4171, 18.1626, -63.4776

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.8456, 2.5845, -17.1602

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4171, 18.1626, -63.4776 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, 45, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 45, 140)  
}
```

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, 45, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 45, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4171, 18.1626, -63.4776 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, 45, 140) }
```


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

```
.border{ border-color:rgb(0, 45, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 45, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 45, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 45, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 45, 140)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.4171, 18.1626, -63.4776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 45, 140) }
```

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

```
.background{ background-color: rgb(0, 45,  
140) }
```

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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