

Converting Colors

HunterLab(23.3976, 19.0103,
-70.2828)

Have a look what the booklet for
HunterLab(23.3976, 19.0103,
-70.2828) contains.

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Color

**HunterLab(23.4509, 19.0635,
-70.4642)**

Conversions

Conversions Part 1

Format	Color
Hex	0039A1
RGB	0, 57, 161
RGB Percent	0%, 22%, 63%
CMY	0.9999, 0.7765, 0.3686
CMYK	1.00, 0.65, 0.00, 0.37
HSL	219°, 100%, 32%
HSV	219°, 100%, 63%
XYZ	7.8961, 5.4994, 34.3635
YIQ	51.8130, -67.3560, 20.2600

Conversions

Conversions Part 2

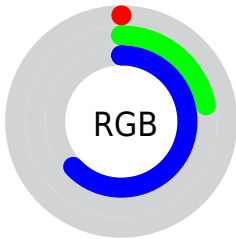
Format	Color
R _Y B	0, 42, 161
Decimal	14753
CIE Lab	28.11, 28.03, -60.11
CIE LCh	28, 66.326, 295.000
Yxy	5.4996, 0.1653, 0.1152
Android (android.graphics.Color)	4278204833 (0xFF0039A1)
YUV	51.8130, 53.8292, -45.4400
Hunter-Lab	23.4509, 19.0635, -70.4642

Details

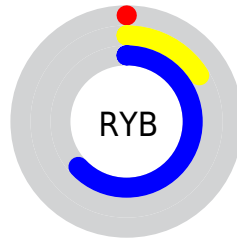
The HunterLab color **23.4509, 19.0635, -70.4642** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **41.8133, 10.7178, 25.9517**, and the grayscale version is **18.3115, -0.9771, 0.9949**.

A 20% lighter version of the original color is **40.9694, 21.5375, -69.3786**, and **12.3098, 20.8442, -60.3828** is the 20% darker color. If you saturate the color by 10%, you get **23.4470, 19.0735, -70.4809**, and if you desaturate by 10%, it is **25.9743, 14.1953, -60.7130**.

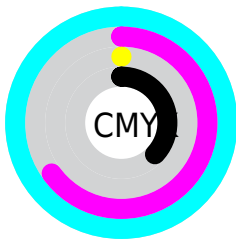
Distribution



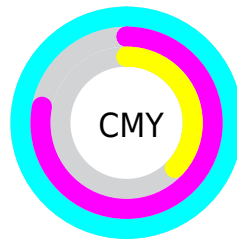
- Red (0%)
- Green (22%)
- Blue (63%)



- Red (0%)
- Yellow (16%)
- Blue (63%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (78%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4509, 19.0635, -70.4642 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 23.4509, 19.0635, -70.4642 by changing the saturation by 10% instead.

■ 23.4509, 19.0635,
-70.4642

■ 23.4509, 19.0635,
-70.4642

■ 124.3139, 25.5530,
-73.5028

■ 15.9475, 17.7592,
-73.9504

■ 41.0897, 21.2430,
-68.8365

■ 9.4774, 16.3272,
-82.8898

■ 51.0687, 22.1398,
-69.0673

0.0000, INF, -NF

■ 61.7459, 22.9268,
-69.5900

0.0000, NaN, -NF

■ 73.0782, 23.6152,
-70.2746

0.0000, NaN, -NF

■ 85.0297, 24.2146,
-71.0457

0.0000, NaN, NaN

■ 97.5699, 24.7331,

0.0000, NaN, NaN

-71.8582

0.0000, NaN, NaN

110.6724, 25.1773,
-72.6833

■ 23.4509, 19.0635,
-70.4642

■ 23.4509, 19.0635,
-70.4642

■ 23.4470, 19.0735,
-70.4809

■ 25.9743, 14.1953,
-60.7130

■ 28.8179, 9.9370,
-51.4406

■ 31.9729, 6.4302,
-42.7125

■ 35.3934, 3.6245,
-34.6113

■ 39.0395, 1.4338,
-27.1276

■ 42.8786, -0.2342,
-20.2063

■ 46.8841, -1.4638,
-13.7763

■ 51.0349, -2.3274,
-7.7656

■ 55.3138, -2.8851,
-2.1085

Harmonies

Analogous

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



23.4511, -4.7720, -82.3823



23.4509, 19.0635, -70.4642



23.4511, 43.5270, -34.6983

Triad

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



23.4511, 19.0651, -70.4637



23.4511, 27.7251, 16.4158



23.4511, -29.9861, 4.4726

Complementary

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



23.4509, 19.0635, -70.4642



41.8133, 10.7178, 25.9517

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.



23.4511, -26.5413, 14.5725



23.4509, 19.0635, -70.4642



23.4511, 2.4875, 16.4158

Square

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



23.4511, 19.0651, -70.4637



23.4511, 49.6685, 12.6040



23.4511, -16.3821, 16.4158



23.4511, -28.3149, -22.3891

Rectangle

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



23.4509, 19.0635, -70.4642



23.4511, 54.0368, -11.4620



23.4511, -16.3821, 16.4158



23.4511, -29.4408, 9.3878

Sweetspot

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



23.4511, 19.0651, -70.4637



62.4260, -1.8776, -18.9192



51.4284, -37.4430, 16.5495



28.2354, -0.5997, -10.4217



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



23.4511, 19.0651, -70.4637



30.8328, 26.9196, -96.6500



16.5489, 43.8800, -109.8379



26.9277, -1.4109, -0.8331



21.1226, 16.6221, -62.2837



4.2465, -0.0109, -5.2841

Inverse Universe

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



28.0590, 49.0992, 9.9703



37.5025, 65.5427, 14.0126



55.7003, -22.2224, 33.9324



26.6935, 1.2488, 1.1502



25.0889, 43.9338, 8.7059



3.7550, 6.7993, -0.4316

Previews

White Background



This preview shows how the HunterLab color 23.4509, 19.0635, -70.4642 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 23.4509, 19.0635, -70.4642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

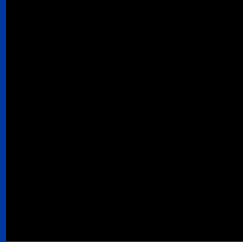
Any Text WCAG AA × Fail

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 23.4509, 19.0635, -70.4642 Background



This preview shows how black text looks on a background with the HunterLab color 23.4509, 19.0635, -70.4642.



This preview shows how white text looks on a background with the HunterLab color 23.4509, 19.0635, -70.4642.

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

23.4509, 19.0635, -70.4642

Protanopia

23.3332, 7.1889, -44.6832

Deuteranopia

23.4887, -0.9766, -27.2507



Tritanopia

23.3401, -11.6007, -4.1305

Trichromacy



Original Color

23.4509, 19.0635, -70.4642

Protanomaly

23.1988, 11.5668, -53.9659

Deuteranomaly

23.3378, 5.4719, -40.9824

Tritanomaly

22.8407, -2.6631, -22.8000

Monochromacy



Original Color

23.4509, 19.0635, -70.4642

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.3245, 2.0043, -19.1226

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4509, 19.0635, -70.4642 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, 57, 161)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 161)  
}
```

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, 57, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4509, 19.0635, -70.4642 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, 57, 161) }
```


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

```
.border{ border-color:rgb(0, 57, 161) }
```

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

Here you see how a box with a 4 pixel rgb(0, 57, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 57, 161);  
box-shadow:4px 4px 4px 4px rgb(0, 57, 161)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.4509, 19.0635, -70.4642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 161) }
```

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

```
.background{ background-color: rgb(0, 57,  
161) }
```

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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