

Converting Colors

HunterLab(19.5525, 16.5793,
-60.2288)

Have a look what the booklet for
HunterLab(19.5525, 16.5793,
-60.2288) contains.

HunterLab(19.6673, 16.4439, -60.0799)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(19.6673, 16.4439,
-60.0799)**

Conversions

Conversions Part 1

Format	Color
Hex	002F8A
RGB	0, 47, 138
RGB Percent	0%, 18%, 54%
CMY	0.9999, 0.8157, 0.4588
CMYK	1.00, 0.66, 0.00, 0.46
HSL	220°, 100%, 27%
HSV	220°, 100%, 54%
XYZ	5.6040, 3.8680, 24.4961
YIQ	43.3210, -57.2230, 18.3370

Conversions

Conversions Part 2

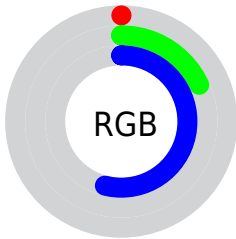
Format	Color
R_{YB}	0, 35, 138
Decimal	12170
CIE _{Lab}	23.23, 25.51, -54.00
CIE _{LCh}	23, 59.724, 295.287
Yxy	3.8681, 0.1650, 0.1139
Android (android.graphics.Color)	4278202250 (0xFF002F8A)
YUV	43.3210, 46.6767, -37.9925
Hunter-Lab	19.6673, 16.4439, -60.0799

Details

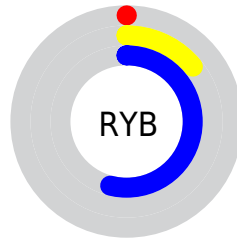
The HunterLab color **19.6673, 16.4439, -60.0799** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **35.9015, 7.8948, 22.2596**, and the grayscale version is **15.5152, -0.8279, 0.8430**.

A 20% lighter version of the original color is **36.3447, 18.5870, -58.6319**, and **8.8031, 20.3571, -54.9483** is the 20% darker color. If you saturate the color by 10%, you get **19.6644, 16.4513, -60.0925**, and if you desaturate by 10%, it is **21.8290, 12.3742, -51.6412**.

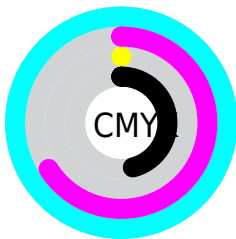
Distribution



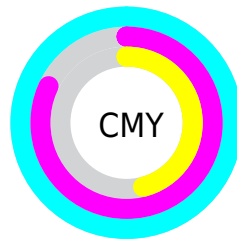
- Red (0%)
- Green (18%)
- Blue (54%)



- Red (0%)
- Yellow (14%)
- Blue (54%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (82%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6673, 16.4439, -60.0799 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 19.6673, 16.4439, -60.0799 by changing the saturation by 10% instead.

■ 19.6673, 16.4439,
-60.0799

■ 19.6673, 16.4439,
-60.0799

■ 117.5873, 22.4049,
-63.2506

■ 12.6493, 15.1786,
-63.7339

■ 36.4864, 18.5245,
-58.6220

■ 5.9803, 18.4450,
-85.1525

■ 46.1062, 19.3641,
-58.9203

0.0000, NaN, -NF

■ 56.4484, 20.0910,
-59.4794

0.0000, NaN, -NF

■ 67.4657, 20.7178,
-60.1726

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 79.1190, 21.2547,
-60.9299

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.3753, 21.7103,

-61.7102

0.0000, NaN, NaN

104.2063, 22.0918,
-62.4889

■ 19.6673, 16.4439,
-60.0799

■ 19.6673, 16.4439,
-60.0799

■ 19.6644, 16.4513,
-60.0925

■ 21.8290, 12.3742,
-51.6412

■ 24.2495, 8.7807,
-43.6935

■ 26.9320, 5.8113,
-36.2372

■ 29.8365, 3.4214,
-29.3363

■ 32.9292, 1.5377,
-22.9759

■ 36.1825, 0.0832,
-17.1040

■ 39.5742, -1.0121,
-11.6564

■ 43.0866, -1.8080,
-6.5693

■ 46.7055, -2.3540,
-1.7852

Harmonies

Analogous

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



19.6675, -3.8717, -70.5982



19.6673, 16.4439, -60.0799



19.6675, 37.2673, -29.3266

Triad

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



19.6675, 16.4452, -60.0794



19.6675, 23.4042, 13.7672



19.6675, -25.3389, 3.6381

Complementary

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



19.6673, 16.4439, -60.0799



35.9015, 7.8948, 22.2596

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.



19.6675, -22.4922, 12.4938



19.6673, 16.4439, -60.0799



19.6675, 1.9394, 13.7672

Square

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



19.6675, 16.4452, -60.0794



19.6675, 42.2131, 10.6997



19.6675, -13.9891, 13.7672



19.6675, -23.8961, -19.3961

Rectangle

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



19.6673, 16.4439, -60.0799



19.6675, 46.1583, -9.5299



19.6675, -13.9891, 13.7672



19.6675, -24.8952, 7.8400

Sweetspot

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



19.6675, 16.4452, -60.0794



52.2403, -1.2613, -15.9346



43.4861, -31.2693, 13.1492



23.9589, -0.3662, -8.7679



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



19.6675, 16.4452, -60.0794



25.5891, 23.1825, -82.0284



14.1131, 37.1627, -91.6673



22.6993, -1.1538, -0.6753



18.8956, 15.5834, -57.2580



2.2107, -0.0908, -2.5672

Inverse Universe

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



23.6833, 41.4201, 8.5863



31.3986, 54.8364, 12.0309



46.8829, -19.3547, 28.5495



22.5275, 0.9763, 1.0107



22.6818, 39.6836, 8.1427



1.9161, 3.4800, -0.3013

Previews

White Background



This preview shows how the HunterLab color 19.6673, 16.4439, -60.0799 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 19.6673, 16.4439, -60.0799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

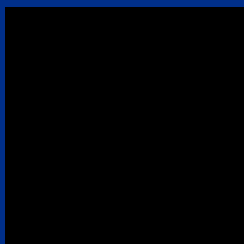
Any Text WCAG AA × Fail

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 19.6673, 16.4439, -60.0799 Background



This preview shows how black text looks on a background with the HunterLab color 19.6673, 16.4439, -60.0799.



This preview shows how white text looks on a background with the HunterLab color 19.6673, 16.4439, -60.0799.

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

19.6673, 16.4439, -60.0799

Protanopia

19.6297, 5.2627, -35.8961

Deuteranopia

19.7685, -1.0264, -22.4934



Tritanopia

19.5923, -9.6331, -3.6937

Trichromacy



Original Color

19.6673, 16.4439, -60.0799

Protanomaly

19.4877, 9.4869, -44.8374

Deuteranomaly

19.5719, 4.9644, -35.1798

Tritanomaly

19.2327, -2.1489, -19.4003

Monochromacy



Original Color

19.6673, 16.4439, -60.0799

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.0762, 2.1548, -16.6388

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6673, 16.4439, -60.0799 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, 47, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 47, 138)  
}
```

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, 47, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 47, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6673, 16.4439, -60.0799 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, 47, 138) }
```


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

```
.border{ border-color:rgb(0, 47, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 47, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 47, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 47, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 47, 138)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.6673, 16.4439, -60.0799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 47, 138) }
```

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

```
.background{ background-color: rgb(0, 47,  
138) }
```

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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