

Converting Colors

HunterLab(23.6506, 17.0349,
-66.3347)

Have a look what the booklet for
HunterLab(23.6506, 17.0349,
-66.3347) contains.

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Color

**HunterLab(23.6570, 16.9672,
-66.1966)**

Conversions

Conversions Part 1

Format	Color
Hex	003B9E
RGB	0, 59, 158
RGB Percent	0%, 23%, 62%
CMY	0.9999, 0.7686, 0.3804
CMYK	1.00, 0.63, 0.00, 0.38
HSL	218°, 100%, 31%
HSV	218°, 100%, 62%
XYZ	7.7355, 5.5965, 33.0202
YIQ	52.6450, -66.9430, 18.2810

Conversions

Conversions Part 2

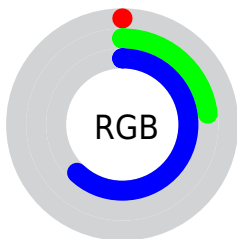
Format	Color
RYB	0, 43, 158
Decimal	15262
CIELab	28.37, 25.43, -57.87
CIELCh	28, 63.209, 293.722
Yxy	5.5966, 0.1669, 0.1207
Android (android.graphics.Color)	4278205342 (0xFF003B9E)
YUV	52.6450, 51.9400, -46.1697
Hunter-Lab	23.6570, 16.9672, -66.1966

Details

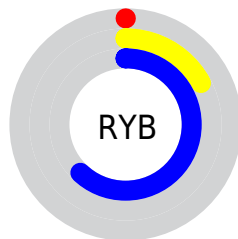
The HunterLab color **23.6570, 16.9672, -66.1966** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **40.2466, 11.9076, 25.0071**, and the grayscale version is **18.5975, -0.9923, 1.0104**.

A 20% lighter version of the original color is **41.4600, 18.8136, -65.1007**, and **12.1888, 19.4208, -57.1588** is the 20% darker color. If you saturate the color by 10%, you get **23.6534, 16.9761, -66.2113**, and if you desaturate by 10%, it is **26.1177, 12.4165, -57.1223**.

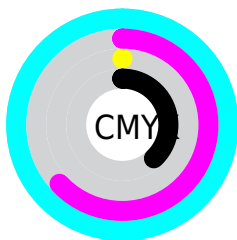
Distribution



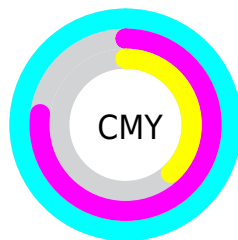
- Red (0%)
- Green (23%)
- Blue (62%)



- Red (0%)
- Yellow (17%)
- Blue (62%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (77%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6570, 16.9672, -66.1966 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 23.6570, 16.9672, -66.1966 by changing the saturation by 10% instead.

■ 23.6570, 16.9672,
-66.1966

■ 23.6570, 16.9672,
-66.1966

■ 124.6729, 22.4418,
-69.8443

■ 16.1289, 15.7856,
-69.1073

■ 41.3380, 18.8960,
-65.0423

■ 9.6300, 14.4543,
-76.7735

■ 51.3357, 19.6721,
-65.3707

0.0000, INF, -NF

0.0000, NaN, -NF

■ 62.0303, 20.3424,
-65.9470

0.0000, NaN, -NF

■ 73.3790, 20.9183,
-66.6567

0.0000, NaN, -NF

■ 85.3461, 21.4090,
-67.4341

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.9011, 21.8224,

-68.2396

0.0000, NaN, NaN

111.0178, 22.1648,
-69.0482

■ 23.6570, 16.9672,
-66.1966

■ 23.6570, 16.9672,
-66.1966

■ 23.6534, 16.9761,
-66.2113

■ 26.1177, 12.4165,
-57.1223

■ 28.8674, 8.4562,
-48.5024

■ 31.9042, 5.2156,
-40.3640

■ 35.1881, 2.6442,
-32.7753

■ 38.6840, 0.6613,
-25.7303

■ 42.3624, -0.8186,
-19.1846

■ 46.1991, -1.8743,
-13.0791

■ 50.1745, -2.5737,
-7.3525

■ 54.2726, -2.9734,
-1.9479

Harmonies

Analogous

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



23.6572, -5.4601, -75.7056



23.6570, 16.9672, -66.1966



23.6572, 40.1237, -33.8476

Triad

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



23.6572, 16.9686, -66.1960



23.6572, 27.1885, 16.5601



23.6572, -29.2481, 5.0648

Complementary

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



23.6570, 16.9672, -66.1966



40.2466, 11.9076, 25.0071

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.



23.6572, -25.5562, 14.5425



23.6570, 16.9672, -66.1966



23.6572, 3.2475, 16.5601

Square

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



23.6572, 16.9686, -66.1960



23.6572, 47.3046, 12.0157



23.6572, -15.2387, 16.5601



23.6572, -27.7846, -19.5644

Rectangle

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



23.6570, 16.9672, -66.1966



23.6572, 50.3364, -11.9707



23.6572, -15.2387, 16.5601



23.6572, -28.6261, 9.6311

Sweetspot

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



23.6572, 16.9686, -66.1960



61.9404, -2.4546, -18.1055



50.3243, -36.9708, 16.9102



28.4257, -0.9210, -10.1238



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.



23.6572, 16.9686, -66.1960



31.3142, 24.2569, -91.5038



16.1314, 42.9195, -108.2012



26.1165, -1.4318, -0.7469



21.3344, 14.7898, -58.5932



3.9918, -0.2613, -4.4253

Inverse Universe

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



27.5417, 48.3073, 8.9096



37.0648, 64.9243, 12.7126



54.7650, -20.9709, 33.3780



25.8555, 1.2176, 1.0582



24.6611, 43.2867, 7.7663



3.4149, 6.2146, -0.6347

Previews

White Background



This preview shows how the HunterLab color 23.6570, 16.9672, -66.1966 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 23.6570, 16.9672, -66.1966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

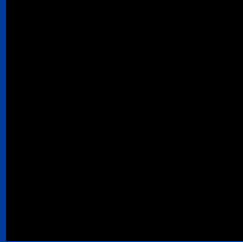
Any Text WCAG AA × Fail

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 23.6570, 16.9672, -66.1966 Background



This preview shows how black text looks on a background with the HunterLab color 23.6570, 16.9672, -66.1966.



This preview shows how white text looks on a background with the HunterLab color 23.6570, 16.9672, -66.1966.

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

23.6570, 16.9672, -66.1966

Protanopia

23.6363, 7.0117, -44.6795

Deuteranopia

23.5385, -0.7049, -27.8994



Tritanopia

23.6573, -11.7673, -4.1672

Trichromacy



Original Color

23.6570, 16.9672, -66.1966

Protanomaly

23.6629, 10.5517, -52.3546

Deuteranomaly

23.3378, 5.4719, -40.9824

Tritanomaly

23.1062, -3.0852, -22.2206

Monochromacy



Original Color

23.6570, 16.9672, -66.1966

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.5647, 1.4732, -17.9125

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6570, 16.9672, -66.1966 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6570, 16.9672, -66.1966 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, 158) }
```


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

```
.border{ border-color:rgb(0, 59, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 59, 158);  
box-shadow:4px 4px 4px 4px rgb(0, 59, 158)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.6570, 16.9672, -66.1966 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, 158) }
```

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

```
.background{ background-color: rgb(0, 59,  
158) }
```

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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