

Converting Colors

HunterLab(18.1952, -18.4093,
-52.5122)

Have a look what the booklet for
HunterLab(18.1952, -18.4093,
-52.5122) contains.

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Color

**HunterLab(23.6958, 1.9885,
-33.9104)**

Conversions

Conversions Part 1

Format	Color
Hex	00447D
RGB	0, 68, 125
RGB Percent	0%, 27%, 49%
CMY	0.9999, 0.7333, 0.5098
CMYK	1.00, 0.46, 0.00, 0.51
HSL	207°, 100%, 25%
HSV	207°, 100%, 49%
XYZ	5.7688, 5.6149, 20.1818
YIQ	54.1660, -58.8250, 3.3110

Conversions

Conversions Part 2

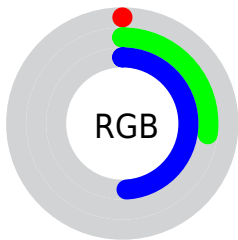
Format	Color
RYB	0, 44, 125
Decimal	17533
CIELab	28.42, 5.03, -37.45
CIElCh	28, 37.784, 277.656
Yxy	5.6151, 0.1828, 0.1779
Android (android.graphics.Color)	4278207613 (0xFF00447D)
YUV	54.1660, 34.9212, -47.5036
Hunter-Lab	23.6958, 1.9885, -33.9104

Details

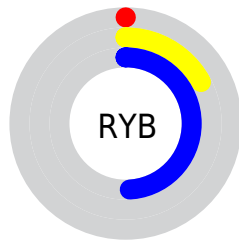
The HunterLab color **23.6958, 1.9885, -33.9104** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **26.9959, 18.3591, 16.9552**, and the grayscale version is **19.1642, -1.0226, 1.0412**.

A 20% lighter version of the original color is **41.4741, 1.3738, -34.6325**, and **11.1660, 6.6670, -28.3487** is the 20% darker color. If you saturate the color by 10%, you get **23.6942, 1.9916, -33.9149**, and if you desaturate by 10%, it is **25.3384, -0.0350, -29.7869**.

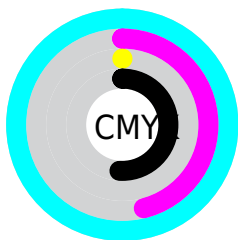
Distribution



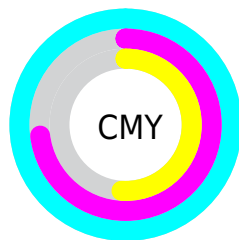
- Red (0%)
- Green (27%)
- Blue (49%)



- Red (0%)
- Yellow (17%)
- Blue (49%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (73%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6958, 1.9885, -33.9104 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 23.6958, 1.9885, -33.9104 by changing the saturation by 10% instead.

■ 23.6958, 1.9885,
-33.9104

■ 23.6958, 1.9885,
-33.9104

■ 124.7406, -1.0988,
-38.8921

■ 16.1631, 2.0235,
-33.9590

■ 41.3849, 1.6776,
-34.9052

■ 9.6589, 1.9492,
-35.2971

■ 51.3861, 1.4242,
-35.5491

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 62.0839, 1.1158,
-36.1967

0.0000, NaN, -NF

■ 73.4357, 0.7578,
-36.8210

0.0000, NaN, NaN

■ 85.4058, 0.3543,
-37.4080

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.9636, -0.0914,

-37.9507

0.0000, NaN, NaN

111.0829, -0.5766,
-38.4458

23.6958, 1.9885,
-33.9104

23.6958, 1.9885,
-33.9104

23.6942, 1.9916,
-33.9149

25.3384, -0.0350,
-29.7869

27.0881, -1.7512,
-25.8063

28.9771, -3.0323,
-21.8963

30.9963, -3.9000,
-18.0811

33.1354, -4.3876,
-14.3758

■ 35.3838, -4.5332,
-10.7868

■ 37.7319, -4.3748,
-7.3140

■ 40.1706, -3.9481,
-3.9529

■ 42.6920, -3.2854,
-0.6964

Harmonies

Analogous

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



23.6961, -9.6523, -30.6606



23.6958, 1.9885, -33.9104



23.6961, 15.0981, -24.5480

Triad

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



23.6961, 1.9891, -33.9098



23.6961, 20.6749, 11.3716



23.6961, -19.5059, 8.3840

Complementary

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



23.6958, 1.9885, -33.9104



26.9959, 18.3591, 16.9552

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.



23.6961, -14.1234, 13.1251



23.6958, 1.9885, -33.9104



23.6961, 8.4787, 14.1288

Square

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



23.6961, 1.9891, -33.9098



23.6961, 27.2376, 4.1121



23.6961, -4.3537, 14.5664



23.6961, -20.5417, -1.9289

Rectangle

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



23.6958, 1.9885, -33.9104



23.6961, 22.3814, -14.3020



23.6961, -4.3537, 14.5664



23.6961, -18.2076, 10.4871

Sweetspot

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



23.6961, 1.9891, -33.9098



50.2563, -5.8828, -10.1250



38.6723, -30.5017, 17.5087



23.4478, -2.8564, -5.5853



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



23.6961, 1.9891, -33.9098



31.2385, 3.5152, -46.6336



12.7152, 30.6712, -82.0989



21.3751, -1.6025, -0.2078



24.1769, 2.0876, -34.7256

0.0000, NaN, NaN

Inverse Universe

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



21.8579, 39.3379, -0.6771



29.1978, 52.4592, -0.1803



41.8265, -9.0758, 25.6138



20.9292, 1.0533, 0.4710



22.3262, 40.1784, -0.6442

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 23.6958, 1.9885, -33.9104 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 23.6958, 1.9885, -33.9104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

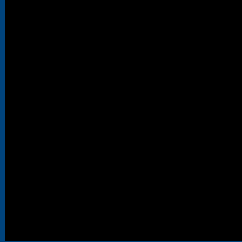
Any Text WCAG AA × Fail

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 23.6958, 1.9885, -33.9104 Background



This preview shows how black text looks on a background with the HunterLab color 23.6958, 1.9885, -33.9104.



This preview shows how white text looks on a background with the HunterLab color 23.6958, 1.9885, -33.9104.

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

23.6958, 1.9885, -33.9104

Protanopia

23.9435, 5.0491, -30.7513

Deuteranopia

23.7418, 0.3993, -30.5372



Tritanopia

23.6883, -11.5839, -4.6019

Trichromacy



Original Color

23.6958, 1.9885, -33.9104

Protanomaly

23.7719, 3.3262, -32.0306

Deuteranomaly

23.7937, 0.6797, -31.2072

Tritanomaly

23.4078, -7.1920, -13.7322

Monochromacy



Original Color

23.6958, 1.9885, -33.9104

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

20.1176, -2.6283, -10.0169

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6958, 1.9885, -33.9104 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, 68, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 68, 125)  
}
```

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, 68, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 68, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6958, 1.9885, -33.9104 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, 68, 125) }
```


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

```
.border{ border-color:rgb(0, 68, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 68, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 68, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 68, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 68, 125)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.6958, 1.9885, -33.9104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 68, 125) }
```

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

```
.background{ background-color: rgb(0, 68,  
125) }
```

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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