

Converting Colors

HunterLab(23.5750, -3.9194,
-19.9286)

Have a look what the booklet for
HunterLab(23.5750, -3.9194,
-19.9286) contains.

HunterLab(23.6479, -4.0777, -19.6869)	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(23.6479, -4.0777,
-19.6869)**

Conversions

Conversions Part 1

Format	Color
Hex	07476A
RGB	7, 71, 106
RGB Percent	3%, 28%, 42%
CMY	0.9725, 0.7216, 0.5843
CMYK	0.93, 0.33, 0.00, 0.58
HSL	201°, 88%, 22%
HSV	201°, 93%, 42%
XYZ	4.9424, 5.5922, 14.4545
YIQ	55.8540, -49.3790, -2.6830

Conversions

Conversions Part 2

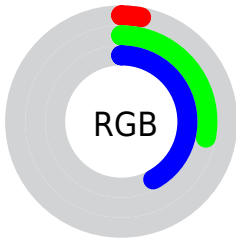
Format	Color
R_YB	7, 46, 106
Decimal	477034
CIE Lab	28.36, -4.58, -25.54
CIE LCh	28, 25.951, 259.836
Yxy	5.5924, 0.1978, 0.2238
Android (android.graphics.Color)	4278667114 (0xFF07476A)
YUV	55.8540, 24.7220, -42.8450
Hunter-Lab	23.6479, -4.0777, -19.6869

Details

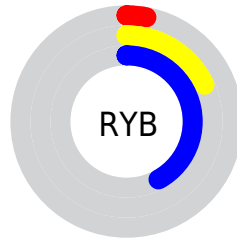
The HunterLab color **23.6479, -4.0777, -19.6869** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **21.7629, 17.7761, 13.1729**, and the grayscale version is **19.7683, -1.0548, 1.0740**.

A 20% lighter version of the original color is **41.2795, -5.4701, -21.1208**, and **10.6583, 1.0928, -15.6811** is the 20% darker color. If you saturate the color by 10%, you get **22.8872, -3.3941, -21.2802**, and if you desaturate by 10%, it is **24.8266, -5.0323, -17.3545**.

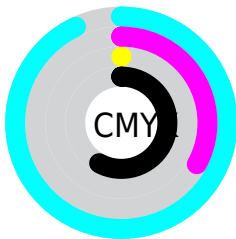
Distribution



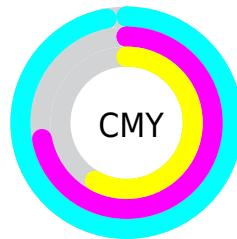
- Red (3%)
- Green (28%)
- Blue (42%)



- Red (3%)
- Yellow (18%)
- Blue (42%)



- Cyan (93%)
- Magenta (33%)
- Yellow (0%)
- Black (58%)



- Cyan (97%)
- Magenta (72%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6479, -4.0777, -19.6869 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 23.6479, -4.0777, -19.6869 by changing the saturation by 10% instead.

■ 23.6479, -4.0777,
-19.6869

■ 23.6479, -4.0777,
-19.6869

■ 124.6573,
-11.6356, -22.8788

■ 16.1210, -3.3205,
-19.2236

■ 41.3273, -5.6227,
-20.7417

■ 9.6234, -2.5981,
-19.1028

■ 51.3241, -6.4206,
-21.2184

0.0000, NaN, -NF

■ 62.0180, -7.2381,
-21.6395

0.0000, NaN, -NF

■ 73.3660, -8.0759,
-22.0017

0.0000, NaN, NaN

■ 85.3324, -8.9345,
-22.3050

0.0000, NaN, NaN

■ 97.8868, -9.8140,

0.0000, NaN, NaN

0.0000, NaN, NaN

-22.5508

0.0000, NaN, NaN

■ 111.0028,
-10.7145, -22.7413

■ 23.6479, -4.0777,
-19.6869

■ 23.6479, -4.0777,
-19.6869

■ 22.8872, -3.3941,
-21.2802

■ 24.8266, -5.0323,
-17.3545

■ 26.0961, -5.6808,
-14.9994

■ 27.4586, -6.0136,
-12.6284

■ 28.9105, -6.0448,
-10.2557

■ 30.4469, -5.7948,
-7.8934

■ 32.0627, -5.2869,
-5.5508

■ 33.7525, -4.5450,
-3.2342

■ 35.5111, -3.5925,
-0.9477

■ 37.3336, -2.4513,
1.3068

Harmonies

Analogous

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



23.6483, -10.9041, -13.9340



23.6479, -4.0777, -19.6869



23.6483, 4.5394, -18.4930

Triad

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



23.6483, -4.0774, -19.6864



23.6483, 16.1492, 5.9766



23.6483, -12.4971, 9.2768

Complementary

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



23.6479, -4.0777, -19.6869



21.7629, 17.7761, 13.1729

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.



23.6483, -6.5550, 11.7360



23.6479, -4.0777, -19.6869



23.6483, 10.2226, 10.3498

Square

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



23.6483, -4.0774, -19.6864



23.6483, 17.0605, -1.6226



23.6483, 1.6893, 12.0436



23.6483, -15.2904, 3.8686

Rectangle

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



23.6479, -4.0777, -19.6869



23.6483, 10.1379, -14.0249



23.6483, 1.6893, 12.0436



23.6483, -10.8444, 10.3811

Sweetspot

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



23.6483, -4.0774, -19.6864



43.4964, -6.5872, -5.9335



32.4316, -25.6384, 15.5894



20.7072, -3.3318, -3.3497



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



23.6483, -4.0774, -19.6864



29.9555, -3.9215, -28.9763



12.8620, 18.7583, -54.6028



18.2228, -1.5614, 0.0257



25.3701, -3.5823, -23.9772



55.7836, -5.7220, -57.3726

Inverse Universe

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



19.1607, 33.1462, -6.0595



24.6966, 45.2150, -6.6875



32.5388, -3.5314, 19.6216



17.7387, 0.8999, 0.2224



20.7897, 38.1012, -5.9320



46.7479, 85.3559, -10.8673

Previews

White Background



This preview shows how the HunterLab color 23.6479, -4.0777, -19.6869 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 23.6479, -4.0777, -19.6869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

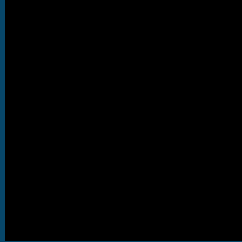
Any Text WCAG AA × Fail

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 23.6479, -4.0777, -19.6869 Background



This preview shows how black text looks on a background with the HunterLab color 23.6479, -4.0777, -19.6869.



This preview shows how white text looks on a background with the HunterLab color 23.6479, -4.0777, -19.6869.

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

23.6479, -4.0777, -19.6869

Protanopia

23.8075, 2.7382, -16.5872

Deuteranopia

23.6882, 1.4951, -20.1928



Tritanopia

23.6883, -11.5839, -4.6019

Trichromacy



Original Color

23.6479, -4.0777, -19.6869

Protanomaly

23.5066, -0.7792, -17.8947

Deuteranomaly

23.4245, -0.7122, -20.7859

Tritanomaly

23.7449, -9.3075, -9.1307

Monochromacy



Original Color

23.6479, -4.0777, -19.6869

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.6009, -3.9567, -6.0206

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6479, -4.0777, -19.6869 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(7, 71, 106)` looks like.

```
.text, #text, p{  
    color:rgb(7, 71, 106)  
}
```

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(7, 71, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 71, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6479, -4.0777, -19.6869 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(7, 71, 106) }
```


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

```
.border{ border-color:rgb(7, 71, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 71, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 71, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 71, 106);  
box-shadow:4px 4px 4px 4px rgb(7, 71, 106)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.6479, -4.0777, -19.6869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 71, 106) }
```

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

```
.background{ background-color: rgb(7, 71,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor