

Converting Colors

HunterLab(40.0731, 4.6419,
-23.0858)

Have a look what the booklet for
HunterLab(40.0731, 4.6419,
-23.0858) contains.

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Color

**HunterLab(40.0731, 4.6419,
-23.0858)**

Conversions

Conversions Part 1

Format	Color
Hex	636D9E
RGB	99, 109, 158
RGB Percent	39%, 43%, 62%
CMY	0.6118, 0.5725, 0.3804
CMYK	0.37, 0.31, 0.00, 0.38
HSL	230°, 23%, 50%
HSV	230°, 37%, 62%
XYZ	16.7858, 16.0585, 34.5626
YIQ	111.5960, -21.6890, 13.1190

Conversions

Conversions Part 2

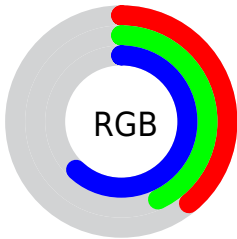
Format	Color
R_{YB}	99, 108, 158
Decimal	6516126
CIE _{Lab}	47.05, 8.75, -27.72
CIE _{LCh}	47, 29.070, 287.522
Yxy	16.0591, 0.2490, 0.2382
Android (android.graphics.Color)	4284706206 (0xFF636D9E)
YUV	111.5960, 22.8772, -11.0467
Hunter-Lab	40.0731, 4.6419, -23.0858

Details

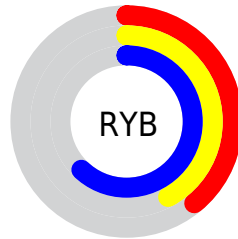
The HunterLab color $40.0731, 4.6419, -23.0858$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $54.1758, -6.0352, 20.3578$, and the grayscale version is $40.0200, -2.1354, 2.1744$.

A 20% lighter version of the original color is $60.5154, 4.7988, -24.3028$, and $22.6690, 4.3521, -21.6190$ is the 20% darker color. If you saturate the color by 10%, you get $35.5819, 7.6063, -31.8428$, and if you desaturate by 10%, it is $44.7769, 2.1293, -15.2041$.

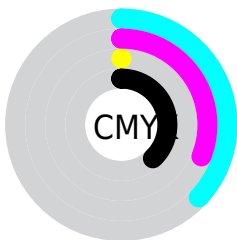
Distribution



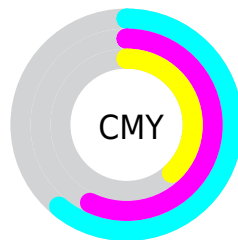
- Red (39%)
- Green (43%)
- Blue (62%)



- Red (39%)
- Yellow (42%)
- Blue (62%)



- Cyan (37%)
- Magenta (31%)
- Yellow (0%)
- Black (38%)



- Cyan (61%)
- Magenta (57%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0731, 4.6419, -23.0858 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 40.0731, 4.6419, -23.0858 by changing the saturation by 10% instead.

■ 40.0731, 4.6419,
-23.0858

■ 40.0731, 4.6419,
-23.0858

■ 151.5554, 2.2750,
-25.9370

■ 30.9290, 4.6065,
-22.5275

■ 60.5812, 4.4884,
-24.0969

■ 22.6101, 4.4798,
-21.9902

■ 71.8458, 4.3173,
-24.5248

■ 15.2093, 4.2413,
-21.6014

■ 83.7332, 4.0913,
-24.8960

■ 8.8357, 3.9495,
-21.8602

■ 96.2122, 3.8152,
-25.2107

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.2562, 3.4926,
-25.4701

0.0000, NaN, NaN

■ 122.8415, 3.1266,

0.0000, NaN, NaN

-25.6763

0.0000, NaN, NaN

136.9474, 2.7200,
-25.8312

■ 40.0731, 4.6419,
-23.0858

■ 40.0731, 4.6419,
-23.0858

■ 35.5819, 7.6063,
-31.8428

■ 44.7769, 2.1293,
-15.2041

■ 31.3460, 11.1369,
-41.6750

■ 49.6578, -0.0248,
-8.0241

■ 27.4282, 15.3539,
-52.7549

■ 54.6920, -1.8946,
-1.3997

■ 23.9135, 20.3409,
-65.1107

■ 59.8605, -3.5375,
4.7841

■ 20.9135, 26.0351,
-78.3644

■ 65.1485, -4.9978,
10.6177

■ 18.5418, 32.0069,
-91.4514

■ 70.5444, -6.3095,
16.1714

■ 18.0067, 33.5023,
-94.8287

■ 76.0386, -7.4994,
21.5004

■ 81.6232, -8.5884,
26.6484

■ 87.2918, -9.5930,
31.6496

Harmonies

Analogous

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



40.0739, -6.7462, -23.8329



40.0731, 4.6419, -23.0858



40.0739, 15.2528, -14.5170

Triad

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



40.0739, 4.6416, -23.0849



40.0739, 13.6825, 14.6675



40.0739, -21.2945, 6.4115

Complementary

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



40.0731, 4.6419, -23.0858



54.1758, -6.0352, 20.3578

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.



40.0739, -16.9949, 13.8179



40.0731, 4.6419, -23.0858



40.0739, 2.6833, 17.6146

Square

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



40.0739, 4.6416, -23.0849



40.0739, 20.8582, 7.9400



40.0739, -8.4994, 17.3544



40.0739, -20.8949, -4.5834

Rectangle

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



40.0731, 4.6419, -23.0858



40.0739, 20.0768, -6.5924



40.0739, -8.4994, 17.3544



40.0739, -20.3727, 9.3325

Sweetspot

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



40.0739, 4.6416, -23.0849



71.0509, -1.6169, -5.2668



54.0547, -19.7882, 2.6013



33.3280, -0.6176, -3.0346



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.



40.0739, 4.6416, -23.0849



48.8142, 9.6227, -41.1025



39.0158, 14.3581, -24.8646



25.7060, -0.7451, -1.2564



16.2443, 29.5213, -84.0320



3.0273, 1.5730, -7.1795

Inverse Universe

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



41.5902, 18.7334, 5.3296



51.7110, 32.2728, 8.4737



55.5618, -16.3396, 21.3538



25.8139, 0.9939, 1.6510



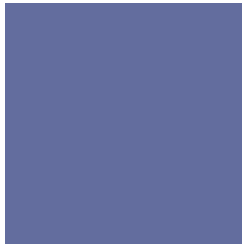
24.2664, 41.8323, 13.5467



3.3133, 5.8456, 0.8114

Previews

White Background



This preview shows how the HunterLab color 40.0731, 4.6419, -23.0858 looks on a white background.

Color Contrast Check

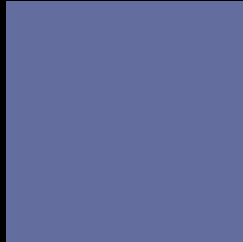
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 40.0731, 4.6419, -23.0858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

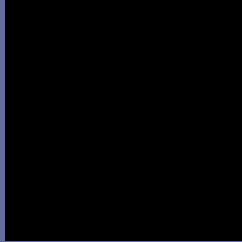
Any Text WCAG AA × Fail

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 40.0731, 4.6419, -23.0858 Background



This preview shows how black text looks on a background with the HunterLab color 40.0731, 4.6419, -23.0858.



This preview shows how white text looks on a background with the HunterLab color 40.0731, 4.6419, -23.0858.

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

40.0731, 4.6419, -23.0858

Protanopia

40.1769, 3.6985, -23.5834

Deuteranopia

40.0002, 3.0217, -23.2464



Tritanopia

39.9578, -6.7295, -4.2850

Trichromacy



Original Color

40.0731, 4.6419, -23.0858

Protanomaly

40.2448, 3.9245, -23.4560

Deuteranomaly

40.1339, 3.4687, -22.9965

Tritanomaly

39.9951, -2.8825, -10.4902

Monochromacy



Original Color

40.0731, 4.6419, -23.0858

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.0994, -0.2407, -6.0034

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0731, 4.6419, -23.0858 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(99, 109, 158)` looks like.

```
.text, #text, p{  
    color:rgb(99, 109, 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(99, 109, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 109, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0731, 4.6419, -23.0858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

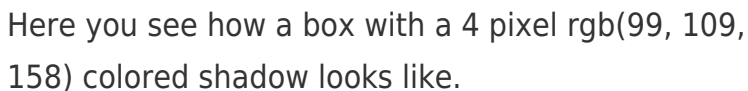
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 109, 158) }
```


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

```
.border{ border-color:rgb(99, 109, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(99, 109, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(99, 109, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(99, 109, 158); box-shadow:4px 4px 4px 4px rgb(99, 109, 158) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0731, 4.6419, -23.0858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 109, 158) }
```

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

```
.background{ background-color: rgb(99, 109,  
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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