

Converting Colors

HunterLab(40.4136, -1.8414,
-23.2460)

Have a look what the booklet for
HunterLab(40.4136, -1.8414,
-23.2460) contains.

HunterLab(40.2493, -1.6971, -23.5462)	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(40.2493, -1.6971,
-23.5462)**

Conversions

Conversions Part 1

Format	Color
Hex	4F729F
RGB	79, 114, 159
RGB Percent	31%, 45%, 62%
CMY	0.6902, 0.5529, 0.3765
CMYK	0.50, 0.28, 0.00, 0.38
HSL	214°, 34%, 47%
HSV	214°, 50%, 62%
XYZ	15.4997, 16.2001, 35.1109
YIQ	108.6650, -35.3050, 6.5750

Conversions

Conversions Part 2

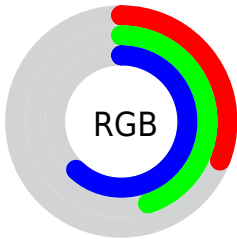
Format	Color
R_{YB}	79, 103, 159
Decimal	5206687
CIE _{Lab}	47.24, 0.60, -28.12
CIE _{LCh}	47, 28.127, 271.224
Yxy	16.2007, 0.2320, 0.2425
Android (android.graphics.Color)	4283396767 (0xFF4F729F)
YUV	108.6650, 24.8152, -26.0162
Hunter-Lab	40.2493, -1.6971, -23.5462

Details

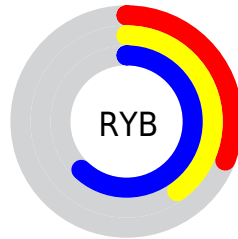
The HunterLab color $40.2493, -1.6971, -23.5462$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $47.2773, 3.7921, 19.9209$, and the grayscale version is $38.8969, -2.0754, 2.1133$.

A 20% lighter version of the original color is $60.9213, -2.7531, -24.4236$, and $22.6463, -0.7492, -22.4760$ is the 20% darker color. If you saturate the color by 10%, you get $36.9842, -0.1838, -29.7978$, and if you desaturate by 10%, it is $43.6845, -2.7198, -17.6482$.

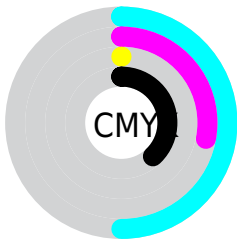
Distribution



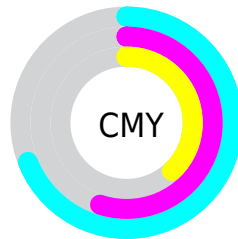
- Red (31%)
- Green (45%)
- Blue (62%)



- Red (31%)
- Yellow (40%)
- Blue (62%)



- Cyan (50%)
- Magenta (28%)
- Yellow (0%)
- Black (38%)



- Cyan (69%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2493, -1.6971, -23.5462 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 40.2493, -1.6971, -23.5462 by changing the saturation by 10% instead.

■ 40.2493, -1.6971,
-23.5462

■ 40.2493, -1.6971,
-23.5462

■ 151.8298, -7.4056,
-26.4817

■ 31.0906, -1.2451,
-22.9833

■ 60.7834, -2.7274,
-24.5726

■ 22.7557, -0.8407,
-22.4453

■ 72.0598, -3.2995,
-25.0096

■ 15.3369, -0.4903,
-22.0633

■ 83.9583, -3.9064,
-25.3904

■ 8.9506, -0.1855,
-22.3125

■ 96.4481, -4.5462,
-25.7150

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.5022, -5.2174,
-25.9845

0.0000, NaN, NaN

123.0973, -5.9184,

0.0000, NaN, NaN

-26.2008

0.0000, NaN, NaN

137.2127, -6.6482,
-26.3658

■ 40.2493, -1.6971,
-23.5462

■ 40.2493, -1.6971,
-23.5462

■ 36.9842, -0.1838,
-29.7978

■ 43.6845, -2.7198,
-17.6482

■ 33.9101, 1.8926,
-36.4227

■ 47.2679, -3.3205,
-12.0756

■ 31.0535, 4.5994,
-43.4112

■ 50.9835, -3.5599,
-6.7918

■ 28.4415, 7.9807,
-50.7131

■ 54.8172, -3.4905,
-1.7606

■ 26.1322, 11.7890,
-58.1120

■ 58.7571, -3.1561,
3.0520

■ 62.7934, -2.5935,
7.6765

■ 66.9175, -1.8332,
12.1398

■ 71.1224, -0.9008,
16.4654

■ 75.4018, 0.1826,
20.6732

Harmonies

Analogous

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



40.2500, -11.8290, -19.7214



40.2493, -1.6971, -23.5462



40.2500, 9.4055, -19.0784

Triad

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



40.2500, -1.6971, -23.5453



40.2500, 17.5698, 11.2836



40.2500, -19.0536, 10.7189

Complementary

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



40.2493, -1.6971, -23.5462



47.2773, 3.7921, 19.9209

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.



40.2500, -12.5327, 15.8729



40.2493, -1.6971, -23.5462



40.2500, 8.5403, 16.1320

Square

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



40.2500, -1.6971, -23.5453



40.2500, 21.2405, 2.6182



40.2500, -2.6005, 17.5564



40.2500, -21.1793, 1.7589

Rectangle

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



40.2493, -1.6971, -23.5462



40.2500, 15.6922, -12.5475



40.2500, -2.6005, 17.5564



40.2500, -17.3402, 12.8599

Sweetspot

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



40.2500, -1.6971, -23.5453



70.7888, -4.7651, -5.6650



52.8100, -27.5267, 11.0205



33.1292, -2.2680, -3.3273



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.



40.2500, -1.6971, -23.5453



49.1429, -0.0457, -40.5921



31.5196, 16.3202, -41.9927



26.2466, -1.6473, -0.5872



23.3969, 10.1048, -51.0575



4.2504, -0.6755, -3.8545

Inverse Universe

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



37.6542, 29.5399, -1.3481



45.9681, 48.3769, -1.2752



56.8592, -13.7139, 27.0822



25.8688, 1.2891, 0.8688



24.8492, 43.9757, 5.0444



3.4462, 6.3274, -1.0726

Previews

White Background



This preview shows how the HunterLab color 40.2493, -1.6971, -23.5462 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 40.2493, -1.6971, -23.5462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

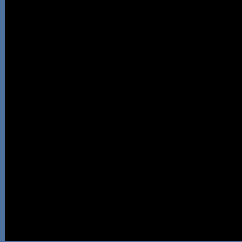
Any Text WCAG AA × Fail

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 40.2493, -1.6971, -23.5462 Background



This preview shows how black text looks on a background with the HunterLab color 40.2493, -1.6971, -23.5462.

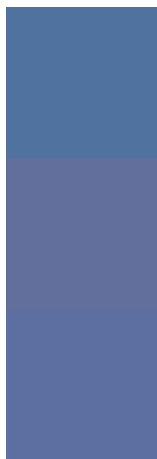


This preview shows how white text looks on a background with the HunterLab color 40.2493, -1.6971,

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

40.2493, -1.6971, -23.5462

Protanopia

40.1856, 3.4713, -21.5822

Deuteranopia

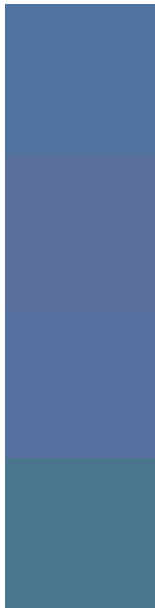
40.2916, 2.7823, -24.0633



Tritanopia

40.3524, -12.5217, -5.8701

Trichromacy



Original Color

40.2493, -1.6971, -23.5462

Protanomaly

40.0342, 1.6566, -22.5430

Deuteranomaly

40.2506, 1.2435, -24.1653

Tritanomaly

40.3321, -8.7989, -11.7748

Monochromacy



Original Color

40.2493, -1.6971, -23.5462

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.3673, -2.9099, -6.0329

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2493, -1.6971, -23.5462 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(79, 114, 159)` looks like.

```
.text, #text, p{  
    color:rgb(79, 114, 159)  
}
```

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(79, 114, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 114, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2493, -1.6971, -23.5462 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(79, 114, 159) }
```


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

```
.border{ border-color:rgb(79, 114, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 114, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 114, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 114, 159);  
box-shadow:4px 4px 4px 4px rgb(79, 114,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2493, -1.6971, -23.5462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 114, 159) }
```

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

```
.background{ background-color: rgb(79, 114,  
159) }
```

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