

Converting Colors

Hex(4C2461)

Have a look what the booklet for
Hex(4C2461) contains.

Hex(4C2461)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C2461)

Conversions

Conversions Part 1

Format	Color
Hex	4C2461
RGB	76, 36, 97
RGB Percent	30%, 14%, 38%
CMY	0.7020, 0.8588, 0.6196
CMYK	0.22, 0.63, 0.00, 0.62
HSL	279°, 46%, 26%
HSV	279°, 63%, 38%
XYZ	5.7690, 3.6613, 11.7119
YIQ	54.9140, 4.2590, 27.4510

Conversions

Conversions Part 2

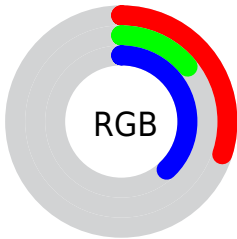
Format	Color
RYB	76, 36, 97
Decimal	4990049
CIELab	22.52, 30.47, -28.70
CIElCh	23, 41.861, 316.709
Yxy	3.6613, 0.2729, 0.1732
Android (android.graphics.Color)	4283180129 (0xFF4C2461)
YUV	54.9140, 20.7484, 18.4924
Hunter-Lab	19.1346, 20.3319, -22.8961

Details

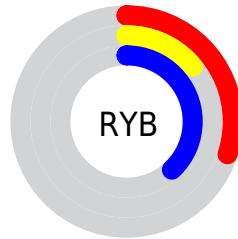
The Hex color **4C2461** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **396124**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **7F5394**, and **1F0032** is the 20% darker color. If you saturate the color by 10%, you get **491A61**, and if you desaturate by 10%, it is **4F2E61**.

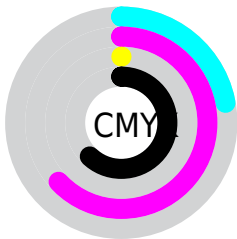
Distribution



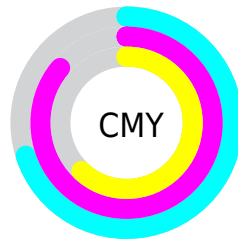
- Red (30%)
- Green (14%)
- Blue (38%)



- Red (30%)
- Yellow (14%)
- Blue (38%)



- Cyan (22%)
- Magenta (63%)
- Yellow (0%)
- Black (62%)



- Cyan (70%)
- Magenta (86%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C2461 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 Hex color 4C2461 by changing the saturation by 10% instead.

 4C2461

 4C2461

FFFFFF

 340D49

 7F5394

 1F0032

 996CAF

 00021C

 B586CA

 000000

 D1A0E7

 EDBBFF

 FFD7FF

 FFF4FF

 4C2461

 4C2461

■ 491A61

■ 4F2E61

■ 451161

■ 533761

■ 420761

■ 564161

■ 400061

■ 594B61

■ 5D5561

■ 605E61

■ 636861

■ 677261

■ 6A7B61

Harmonies

Analogous

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



033472



4C2461



661245

Triad

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



4C2461



4F2F00



004347

Complementary

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



4C2461



396124

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.



004226



4C2461



333A00

Square

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



4C2461



622006



054004



004263

Rectangle

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



4C2461



6B0D30



054004



00433C

Sweetspot

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



4C2461



75657D



243961



3B3140



BFBFBF



404040

Same Dimension

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



4C2461



5D1F7D



612458



2F2C30



4A0070



9D00F0

Inverse Universe

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



612439



7D1F3F



24612D



302C2D



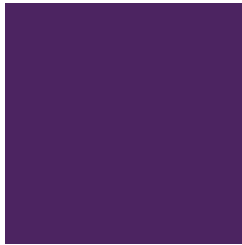
700027



F00053

Previews

White Background



This preview shows how the Hex color 4C2461 looks on a white background.

Color Contrast Check

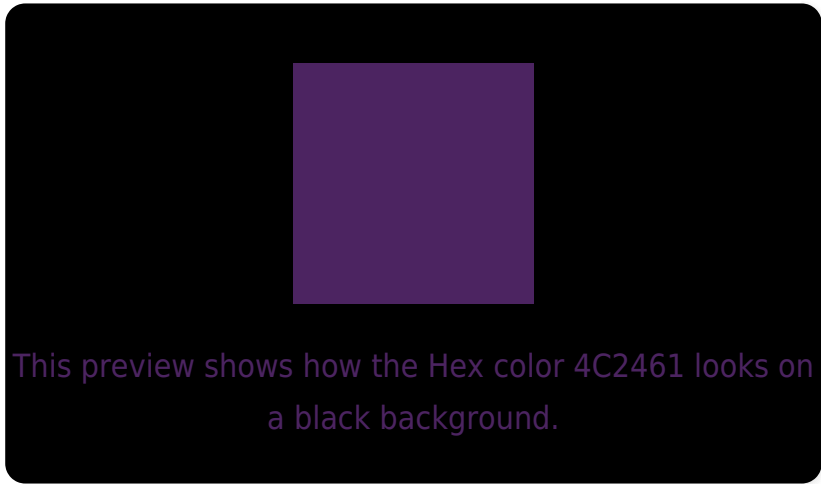
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

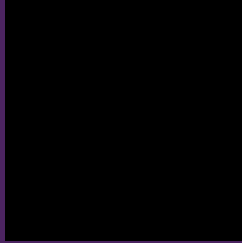
Any Text WCAG AA × Fail

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](#).

Hex 4C2461 Background



This preview shows how black text looks on a background with the Hex color 4C2461.



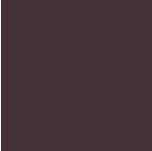
This preview shows how white text looks on a background with the Hex color 4C2461.

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





Tritanopia
453135

Trichromacy



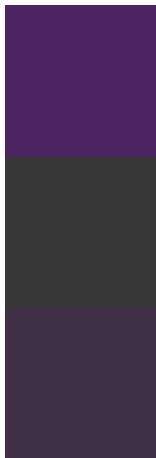
Original Color
4C2461

Protanomaly
1C2F6B

Deuteranomaly
2C305E

Tritanomaly
482C45

Monochromacy



Original Color
4C2461

Achromatopsia
373737

Achromatomaly
3F3046

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C2461 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 #4C2461 looks like.

```
.text, #text, p{  
    color:#4C2461  
}
```

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 #4C2461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2461
}
```

Border

The CSS property to change the border of an element to Hex 4C2461 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
#4C2461 }
```

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

```
.border{ border-color:#4C2461 }
```

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

Here you see how a box with a 4 pixel #4C2461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2461; -webkit-box-shadow:4px 4px  
4px 4px #4C2461; box-shadow:4px 4px 4px  
4px #4C2461 }
```

Background

The CSS property to change the background color of an element to Hex 4C2461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2461 }
```

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

```
.background{ background-color:#4C2461 }
```

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