

Converting Colors

Hex(4C2185)

Have a look what the booklet for
Hex(4C2185) contains.

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Color

Hex(4C2185)

Conversions

Conversions Part 1

Format	Color
Hex	4C2185
RGB	76, 33, 133
RGB Percent	30%, 13%, 52%
CMY	0.7020, 0.8706, 0.4784
CMYK	0.43, 0.75, 0.00, 0.48
HSL	266°, 60%, 33%
HSV	266°, 75%, 52%
XYZ	7.7580, 4.3177, 22.6148
YIQ	57.2570, -6.4720, 40.2160

Conversions

Conversions Part 2

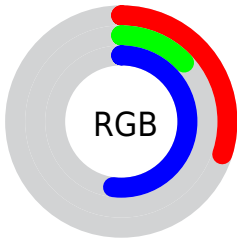
Format	Color
R_{YB}	76, 33, 133
Decimal	4989317
CIE _{Lab}	24.70, 41.48, -48.28
CIE _{LCh}	25, 63.651, 310.669
Yxy	4.3177, 0.2236, 0.1245
Android (android.graphics.Color)	4283179397 (0xFF4C2185)
YUV	57.2570, 37.3413, 16.4376
Hunter-Lab	20.7790, 30.2810, -49.9829

Details

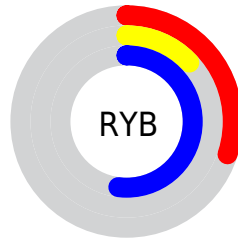
The Hex color **4C2185** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5A8521**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **8252BB**, and **140052** is the 20% darker color. If you saturate the color by 10%, you get **441485**, and if you desaturate by 10%, it is **542E85**.

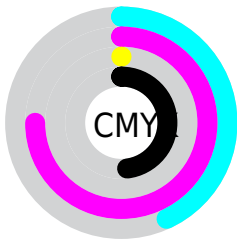
Distribution



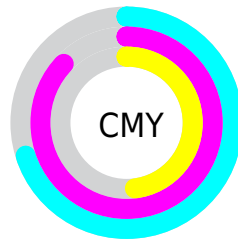
- Red (30%)
- Green (13%)
- Blue (52%)



- Red (30%)
- Yellow (13%)
- Blue (52%)



- Cyan (43%)
- Magenta (75%)
- Yellow (0%)
- Black (48%)



- Cyan (70%)
- Magenta (87%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C2185 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 4C2185 by changing the saturation by 10% instead.



4C2185



4C2185

FFFFFF



31066B



8252BB



140052



9E6BD7



00003A



BA85F4



000224



D6A0FF



00000B



F4BBFF



000000



FFD7FF



FFF4FF



4C2185



4C2185

■ 441485

■ 542E85

■ 3D0685

■ 5B3C85

■ 390085

■ 634985

■ 6A5685

■ 726485

■ 797185

■ 817E85

■ 898B85

■ 909985

Harmonies

Analogous

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



003C9C



4C2185



7D005C

Triad

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



4C2185



612C00



004D4B

Complementary

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



4C2185



5A8521

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.



004B18



4C2185



393E00

Square

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



4C2185



7E0000



004700



004D79

Rectangle

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



4C2185



88003C



004700



004C3B

Sweetspot

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



4C2185



9786AD



215B85



493E57



D6D6D6



575757

Same Dimension

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



4C2185



5411AD



7D2185



3F3C42



380082



010003

Inverse Universe

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



85215A



AD116A



298521



423C3F



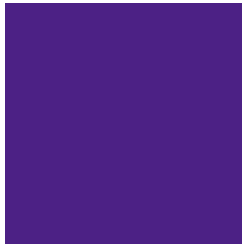
82004A



030001

Previews

White Background



This preview shows how the Hex color 4C2185 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

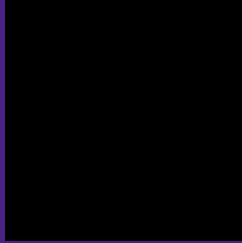
Any Text WCAG AA × Fail

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 4C2185 Background



This preview shows how black text looks on a background with the Hex color 4C2185.



This preview shows how white text looks on a background with the Hex color 4C2185.

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
4C2185

Protanopia
003979

Deuteranopia
003D68



Tritanopia
3C3B3F

Trichromacy



Original Color
4C2185

Protanomaly
1C307D

Deuteranomaly
1C3373

Tritanomaly
423258

Monochromacy



Original Color
4C2185

Achromatopsia
393939

Achromatomaly
403055

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C2185 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 #4C2185 looks like.

```
.text, #text, p{  
    color:#4C2185  
}
```

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 #4C2185 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2185
}
```

Border

The CSS property to change the border of an element to Hex 4C2185 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
#4C2185 }
```

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

```
.border{ border-color:#4C2185 }
```

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

Here you see how a box with a 4 pixel #4C2185 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2185; -webkit-box-shadow:4px 4px  
4px 4px #4C2185; box-shadow:4px 4px 4px  
4px #4C2185 }
```

Background

The CSS property to change the background color of an element to Hex 4C2185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2185 }
```

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

```
.background{ background-color:#4C2185 }
```

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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