

Converting Colors

Hex(6C4179)

Have a look what the booklet for
Hex(6C4179) contains.

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Color

Hex(6C4179)

Conversions

Conversions Part 1

Format	Color
Hex	6C4179
RGB	108, 65, 121
RGB Percent	42%, 25%, 47%
CMY	0.5765, 0.7451, 0.5255
CMYK	0.11, 0.46, 0.00, 0.53
HSL	286°, 30%, 36%
HSV	286°, 46%, 47%
XYZ	11.5258, 8.3492, 19.0932
YIQ	84.2410, 7.6520, 26.5320

Conversions

Conversions Part 2

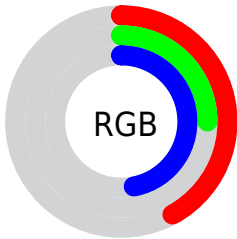
Format	Color
R_{YB}	108, 65, 121
Decimal	7094649
CIE _{Lab}	34.70, 28.95, -24.53
CIE _{LCh}	35, 37.946, 319.724
Yxy	8.3492, 0.2958, 0.2143
Android (android.graphics.Color)	4285284729 (0xFF6C4179)
YUV	84.2410, 18.1222, 20.8366
Hunter-Lab	28.8950, 20.6350, -18.9511

Details

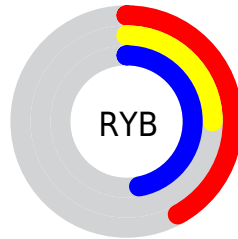
The Hex color **6C4179** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4E7941**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **A172AE**, and **3B1348** is the 20% darker color. If you saturate the color by 10%, you get **693579**, and if you desaturate by 10%, it is **6F4D79**.

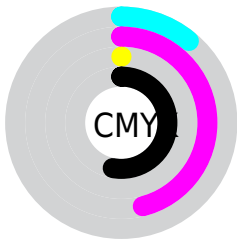
Distribution



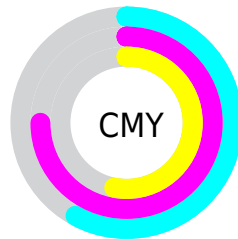
- Red (42%)
- Green (25%)
- Blue (47%)



- Red (42%)
- Yellow (25%)
- Blue (47%)



- Cyan (11%)
- Magenta (46%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (75%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C4179 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 6C4179 by changing the saturation by 10% instead.

6C4179

6C4179

FFFFFF

532A60

A172AE

3B1348

BC8CC9

240031

D8A7E5

00001C

F5C2FF

000000

FFDEFF

FFFBFF

6C4179

6C4179

693579

6F4D79

662979

725979

641D79

746579

611179

777179

5E0579

7A7D79

5D0079

7D8A79

809679

82A279

85AE79

Harmonies

Analogous

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



3F4E8B



6C4179



83375D

Triad

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



6C4179



6A4C12



006065

Complementary

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



6C4179



4E7941

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.



006046



6C4179



4E5613

Square

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



6C4179



7F4024



2A5C28



005E7F

Rectangle

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



6C4179



893549



2A5C28



00605B

Sweetspot

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



6C4179



99889E



414E79



4C424F



CFCFCF



4F4F4F

Same Dimension

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



6C4179



8A469E



79416A



3C373D



60007D



C200FC

Inverse Universe

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



79414E



9E465A



417950



3D3739



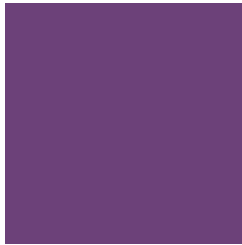
7D001D



FC003B

Previews

White Background



This preview shows how the Hex color 6C4179 looks on a white background.

Color Contrast Check

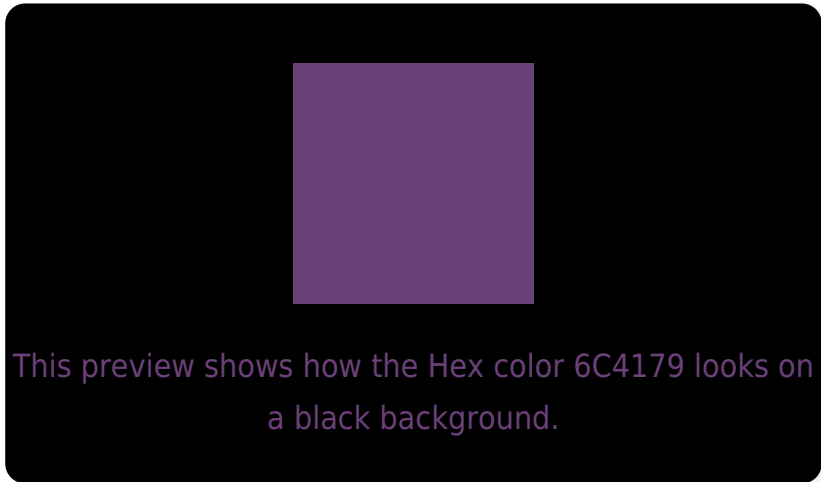
Large Text (above 18pt) WCAG AA ✓ Pass

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

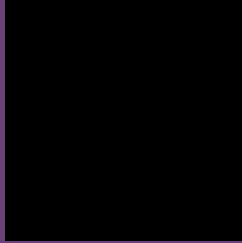
Any Text WCAG AA × Fail

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 6C4179 Background



This preview shows how black text looks on a background with the Hex color 6C4179.



This preview shows how white text looks on a background with the Hex color 6C4179.

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
6C4179

Protanopia
3C5086

Deuteranopia
445176



Tritanopia
664A50

Trichromacy



Original Color
6C4179

Protanomaly
4D4B81

Deuteranomaly
534B77

Tritanomaly
68475F

Monochromacy



Original Color
6C4179

Achromatopsia
545454

Achromatomaly
5D4D61

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C4179 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 #6C4179 looks like.

```
.text, #text, p{  
    color:#6C4179  
}
```

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 #6C4179 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C4179
}
```

Border

The CSS property to change the border of an element to Hex 6C4179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

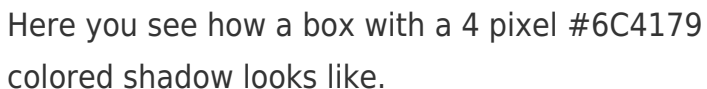
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C4179 }
```

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

```
.border{ border-color:#6C4179 }
```

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



Here you see how a box with a 4 pixel #6C4179 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C4179; -webkit-box-shadow:4px 4px  
4px 4px #6C4179; box-shadow:4px 4px 4px  
4px #6C4179 }
```

Background

The CSS property to change the background color of an element to Hex 6C4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C4179 }
```

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

```
.background{ background-color:#6C4179 }
```

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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