

Converting Colors

Hex(4C7179)

Have a look what the booklet for
Hex(4C7179) contains.

Hex(4C7179)	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(4C7179)

Conversions

Conversions Part 1

Format	Color
Hex	4C7179
RGB	76, 113, 121
RGB Percent	30%, 44%, 47%
CMY	0.7020, 0.5569, 0.5255
CMYK	0.37, 0.07, 0.00, 0.53
HSL	191°, 23%, 39%
HSV	191°, 37%, 47%
XYZ	12.3368, 14.7272, 20.2816
YIQ	102.8490, -24.6200, -5.3560

Conversions

Conversions Part 2

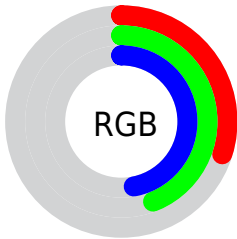
Format	Color
RYB	76, 96, 121
Decimal	5009785
CIELab	45.26, -10.89, -8.60
CIELCh	45, 13.875, 218.316
Yxy	14.7272, 0.2606, 0.3111
Android (android.graphics.Color)	4283199865 (0xFF4C7179)
YUV	102.8490, 8.9484, -23.5466
Hunter-Lab	38.3761, -9.7755, -4.4712

Details

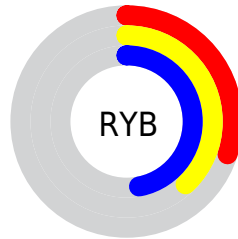
The Hex color **4C7179** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **79544C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7FA5AD**, and **1B4149** is the 20% darker color. If you saturate the color by 10%, you get **406F79**, and if you desaturate by 10%, it is **587379**.

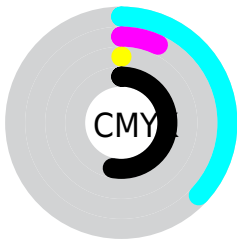
Distribution



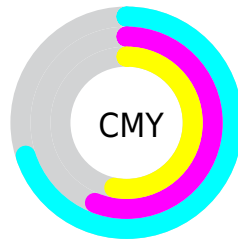
- Red (30%)
- Green (44%)
- Blue (47%)



- Red (30%)
- Yellow (38%)
- Blue (47%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (53%)



- Cyan (70%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7179 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 4C7179 by changing the saturation by 10% instead.



4C7179



4C7179

FFFFFF



345860



7FA5AD



1B4149



99C0C9



012B32



B5DCE5



00171D



D0F8FF



000001



EDFFFF



000000



4C7179



4C7179



406F79



587379



346D79



647579

■ 286B79

■ 707779

■ 1C6879

■ 7C7A79

■ 106679

■ 897C79

■ 036479

■ 957E79

■ 006379

■ A18079

■ AD8279

■ B98479

Harmonies

Analogous

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



4E726E



4C7179



546F80

Triad

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



4C7179



7D6474



716B54

Complementary

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



4C7179



79544C

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.



7C6856



4C7179



836368

Square

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



4C7179



71677D



82645D



646F59

Rectangle

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



4C7179



5D6C82



82645D



756A54

Sweetspot

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



4C7179



8D9B9E



4C7953



454D4F



CFCFCF



4F4F4F

Same Dimension

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



4C7179



57919E



4C5B79



373C3D



00677D



00D0FC

Inverse Universe

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



794C71



9E5791



796A4C



3D373C



7D0067



FC00D0

Previews

White Background



This preview shows how the Hex color 4C7179 looks on a white background.

Color Contrast Check

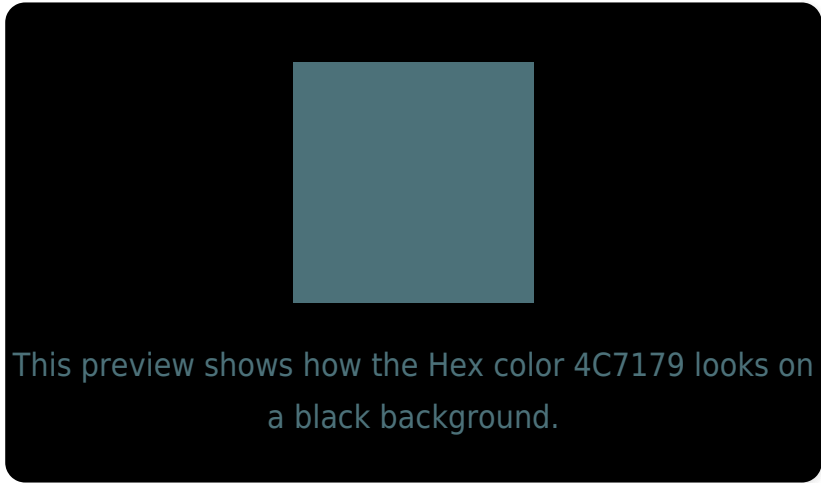
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

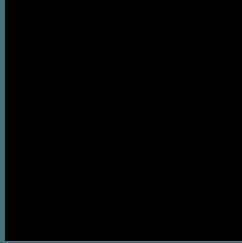
Any Text WCAG AA × Fail

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](#).

Hex 4C7179 Background



This preview shows how black text looks on a background with the Hex color 4C7179.

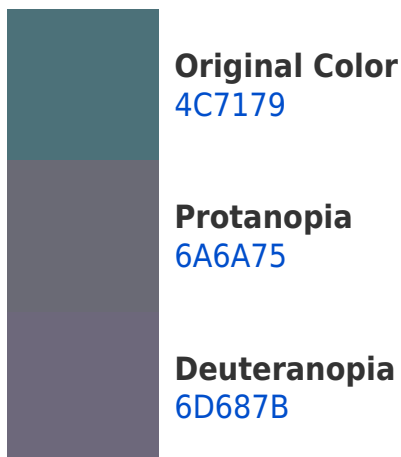


This preview shows how white text looks on a background with the Hex color 4C7179.

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](#).

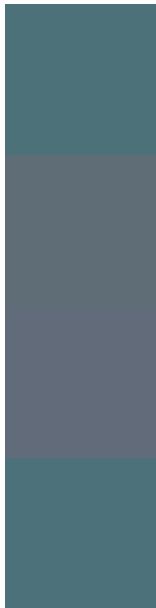
Dichromacy





Tritanopia
4C717A

Trichromacy



Original Color
4C7179

Protanomaly
5F6D76

Deuteranomaly
616B7A

Tritanomaly
4C717A

Monochromacy



Original Color
4C7179

Achromatopsia
676767

Achromatomaly
5D6B6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7179 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 #4C7179 looks like.

```
.text, #text, p{  
    color:#4C7179  
}
```

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 #4C7179 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7179
}
```

Border

The CSS property to change the border of an element to Hex 4C7179 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
#4C7179 }
```

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

```
.border{ border-color:#4C7179 }
```

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

Here you see how a box with a 4 pixel #4C7179 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7179; -webkit-box-shadow:4px 4px  
4px 4px #4C7179; box-shadow:4px 4px 4px  
4px #4C7179 }
```

Background

The CSS property to change the background color of an element to Hex 4C7179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7179 }
```

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

```
.background{ background-color:#4C7179 }
```

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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