

Converting Colors

Hex(4C6177)

Have a look what the booklet for
Hex(4C6177) contains.

Hex(4C6177)	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(4C6177)

Conversions

Conversions Part 1

Format	Color
Hex	4C6177
RGB	76, 97, 119
RGB Percent	30%, 38%, 47%
CMY	0.7020, 0.6196, 0.5333
CMYK	0.36, 0.18, 0.00, 0.53
HSL	211°, 22%, 38%
HSV	211°, 36%, 47%
XYZ	10.5850, 11.4178, 19.0987
YIQ	93.2290, -19.5780, 2.3900

Conversions

Conversions Part 2

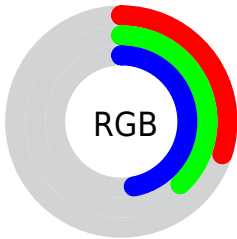
Format	Color
R_{YB}	76, 90, 119
Decimal	5005687
CIE _{Lab}	40.28, -2.01, -14.93
CIE _{LCh}	40, 15.063, 262.339
Yxy	11.4178, 0.2575, 0.2778
Android (android.graphics.Color)	4283195767 (0xFF4C6177)
YUV	93.2290, 12.7051, -15.1098
Hunter-Lab	33.7902, -3.2169, -9.8584

Details

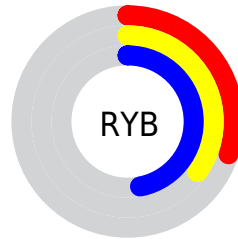
The Hex color **4C6177** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **77624C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7E94AB**, and **1D3347** is the 20% darker color. If you saturate the color by 10%, you get **405B77**, and if you desaturate by 10%, it is **586777**.

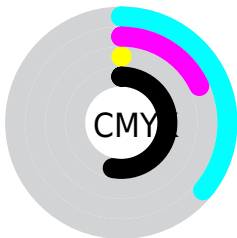
Distribution



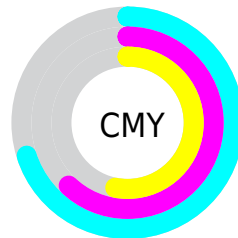
- Red (30%)
- Green (38%)
- Blue (47%)



- Red (30%)
- Yellow (35%)
- Blue (47%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (53%)



- Cyan (70%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6177 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 4C6177 by changing the saturation by 10% instead.

■ 4C6177

■ 4C6177

FFFFFF

■ 34495E

■ 7E94AB

■ 1D3347

■ 99AEC7

■ 041E30

■ B4C9E3

■ 00031C

■ D0E6FF

■ 000000

■ ECFFFF

■ 4C6177

■ 4C6177

■ 405B77

■ 586777

■ 345577

■ 646D77

■ 284F77

■ 707377

■ 1C4977

■ 7C7977

■ 104377

■ 877F77

■ 053C77

■ 938677

■ 003A77

■ 9F8C77

■ AB9277

■ B79877

Harmonies

Analogous

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



3F6472



4C6177



5D5D76

Triad

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



4C6177



785656



506450

Complementary

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



4C6177



77624C

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.



5E6148



4C6177



74594C

Square

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



4C6177



755663



6B5D47



43665B

Rectangle

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



4C6177



675A71



6B5D47



55634C

Sweetspot

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



4C6177



8A939C



4C7762



454A4F



CFCFCF



4F4F4F

Same Dimension

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



4C6177



59799C



4C4C77



35383B



003C7A



007AFA

Inverse Universe

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



774C61



9C5979



77774C



3B3538



7A003C



FA007A

Previews

White Background



This preview shows how the Hex color 4C6177 looks on a white background.

Color Contrast Check

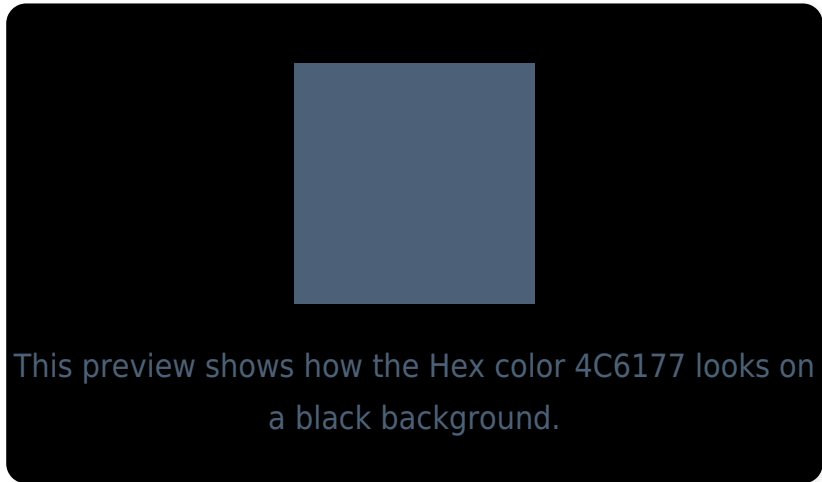
Large Text (above 18pt) WCAG AA ✓ Pass

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

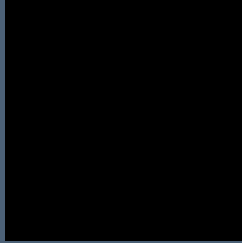
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

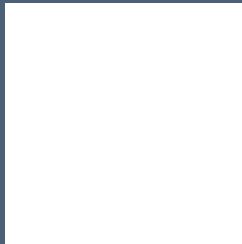
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4C6177 Background



This preview shows how black text looks on a background with the Hex color 4C6177.

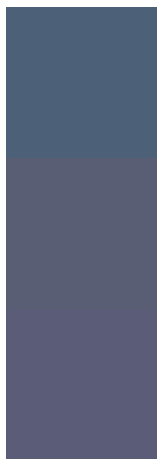


This preview shows how white text looks on a background with the Hex color 4C6177.

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
4C6177

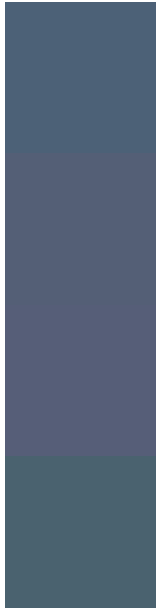
Protanopia
595E75

Deuteranopia
5B5D78



Tritanopia
49636B

Trichromacy



Original Color
4C6177

Protanomaly
545F76

Deuteranomaly
565E78

Tritanomaly
4A626F

Monochromacy



Original Color
4C6177

Achromatopsia
5D5D5D

Achromatomaly
575E66

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6177 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 #4C6177 looks like.

```
.text, #text, p{  
    color:#4C6177  
}
```

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 #4C6177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6177
}
```

Border

The CSS property to change the border of an element to Hex 4C6177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

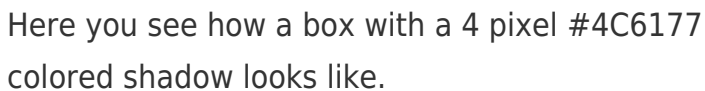
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C6177 }
```

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

```
.border{ border-color:#4C6177 }
```

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



Here you see how a box with a 4 pixel #4C6177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6177; -webkit-box-shadow:4px 4px  
4px 4px #4C6177; box-shadow:4px 4px 4px  
4px #4C6177 }
```

Background

The CSS property to change the background color of an element to Hex 4C6177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6177 }
```

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

```
.background{ background-color:#4C6177 }
```

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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