

Converting Colors

Hex(4C6383)

Have a look what the booklet for
Hex(4C6383) contains.

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Color

Hex(4C6383)

Conversions

Conversions Part 1

Format	Color
Hex	4C6383
RGB	76, 99, 131
RGB Percent	30%, 39%, 51%
CMY	0.7020, 0.6118, 0.4863
CMYK	0.42, 0.24, 0.00, 0.49
HSL	215°, 27%, 41%
HSV	215°, 42%, 51%
XYZ	11.5391, 12.0989, 23.1999
YIQ	95.7710, -23.9800, 5.0760

Conversions

Conversions Part 2

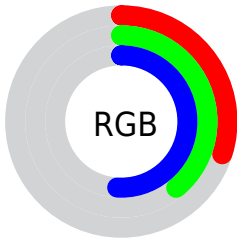
Format	Color
R_{YB}	76, 92, 131
Decimal	5006211
CIE Lab	41.37, 0.28, -20.54
CIE LCh	41, 20.538, 270.788
Yxy	12.0989, 0.2464, 0.2583
Android (android.graphics.Color)	4283196291 (0xFF4C6383)
YUV	95.7710, 17.3679, -17.3392
Hunter-Lab	34.7834, -1.6554, -15.1969

Details

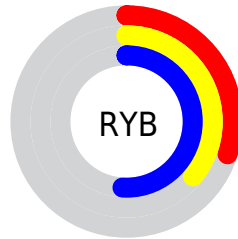
The Hex color **4C6383** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **836C4C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7F96B8**, and **1A3551** is the 20% darker color. If you saturate the color by 10%, you get **3F5B83**, and if you desaturate by 10%, it is **596B83**.

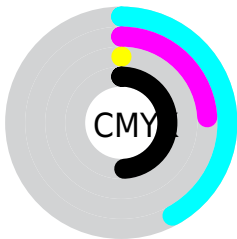
Distribution



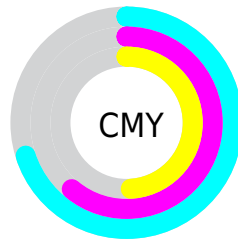
- Red (30%)
- Green (39%)
- Blue (51%)



- Red (30%)
- Yellow (36%)
- Blue (51%)



- Cyan (42%)
- Magenta (24%)
- Yellow (0%)
- Black (49%)



- Cyan (70%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6383 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 4C6383 by changing the saturation by 10% instead.

■ 4C6383

■ 4C6383

FFFFFF

■ 334B6A

■ 7F96B8

■ 1A3551

■ 9AB0D4

■ 00203A

■ B5CCF0

■ 000725

■ D1E8FF

■ 00010D

■ EEEFFF

■ 000000

■ 4C6383

■ 4C6383

■ 3F5B83

■ 596B83

■ 325483

■ 667283

■ 254C83

■ 737A83

■ 184583

■ 808183

■ 0A3D83

■ 8E8983

■ 003783

■ 9B9183

■ A89883

■ B5A083

■ C2A883

Harmonies

Analogous

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



34687F



4C6383



645D7E

Triad

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



4C6383



835651



476951

Complementary

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



4C6383



836C4C

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.



5B6644



4C6383



7B5B45

Square

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



4C6383



825562



6D6140



356B61

Rectangle

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



4C6383



725977



6D6140



4E684C

Sweetspot

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



4C6383



959EAB



4C836B



494F57



D6D6D6



575757

Same Dimension

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



4C6383



5579AB



504C83



3C3E42



003682



000103

Inverse Universe

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



834C63



AB5579



7F834C



423C3E



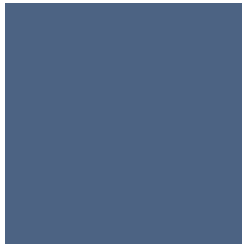
820036



030001

Previews

White Background



This preview shows how the Hex color 4C6383 looks on a white background.

Color Contrast Check

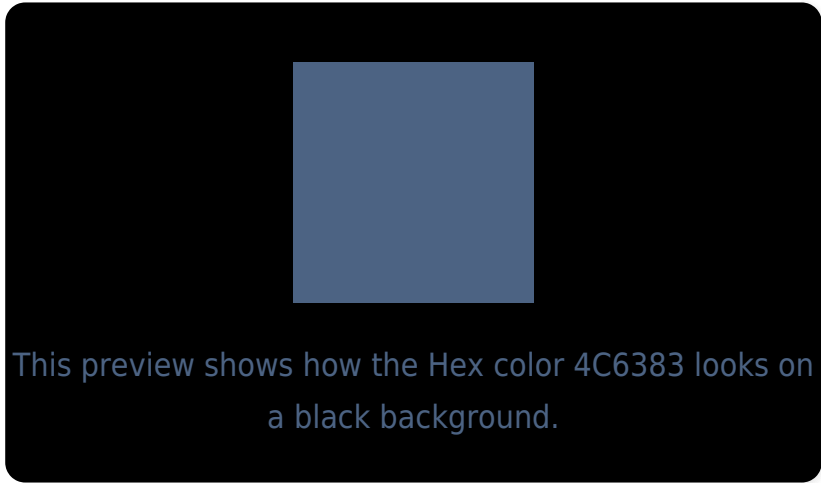
Large Text (above 18pt) WCAG AA ✓ Pass

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

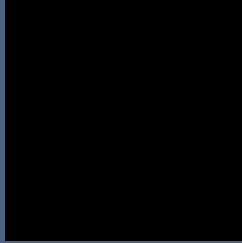
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

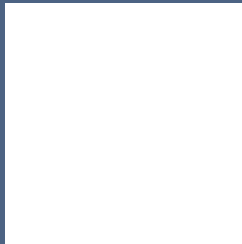
Any Text WCAG AAA × Fail

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

Hex 4C6383 Background



This preview shows how black text looks on a background with the Hex color 4C6383.



This preview shows how white text looks on a background with the Hex color 4C6383.

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
4C6383

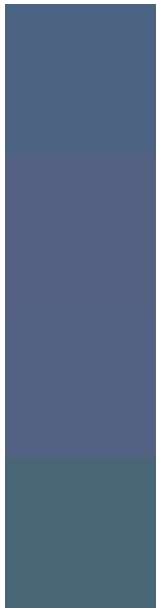
Protanopia
586081

Deuteranopia
576084



Tritanopia
47676F

Trichromacy



Original Color
4C6383

Protanomaly
546182

Deuteranomaly
536184

Tritanomaly
496676

Monochromacy



Original Color
4C6383

Achromatopsia
606060

Achromatomaly
59616D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6383 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 #4C6383 looks like.

```
.text, #text, p{  
    color:#4C6383  
}
```

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 #4C6383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6383
}
```

Border

The CSS property to change the border of an element to Hex 4C6383 is called "border". The border property can be set on classes, ids or directly on the HTML element.

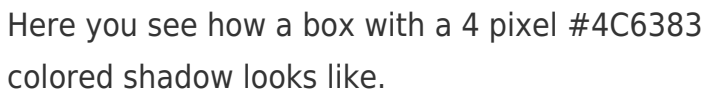
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C6383 }
```

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

```
.border{ border-color:#4C6383 }
```

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



Here you see how a box with a 4 pixel #4C6383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6383; -webkit-box-shadow:4px 4px  
4px 4px #4C6383; box-shadow:4px 4px 4px  
4px #4C6383 }
```

Background

The CSS property to change the background color of an element to Hex 4C6383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6383 }
```

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

```
.background{ background-color:#4C6383 }
```

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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