

Converting Colors

Hex(4C6785)

Have a look what the booklet for
Hex(4C6785) contains.

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Color

Hex(4C6785)

Conversions

Conversions Part 1

Format	Color
Hex	4C6785
RGB	76, 103, 133
RGB Percent	30%, 40%, 52%
CMY	0.7020, 0.5961, 0.4784
CMYK	0.43, 0.23, 0.00, 0.48
HSL	212°, 27%, 41%
HSV	212°, 43%, 52%
XYZ	12.0644, 12.9305, 24.0503
YIQ	98.3470, -25.7220, 3.6060

Conversions

Conversions Part 2

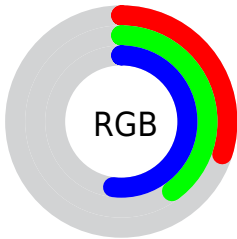
Format	Color
RYB	76, 94, 133
Decimal	5007237
CIELab	42.66, -1.56, -19.76
CIELCh	43, 19.824, 265.496
Yxy	12.9305, 0.2460, 0.2636
Android (android.graphics.Color)	4283197317 (0xFF4C6785)
YUV	98.3470, 17.0839, -19.5983
Hunter-Lab	35.9589, -3.0406, -14.4834

Details

The Hex color **4C6785** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **856A4C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7F9ABA**, and **1A3853** is the 20% darker color. If you saturate the color by 10%, you get **3F6085**, and if you desaturate by 10%, it is **596E85**.

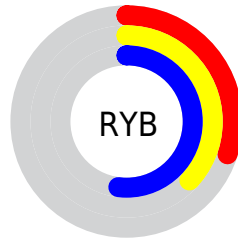
Distribution



Red (30%)

Green (40%)

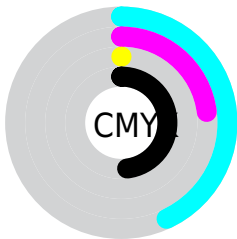
Blue (52%)



Red (30%)

Yellow (37%)

Blue (52%)

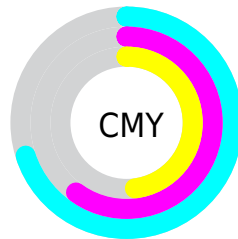


Cyan (43%)

Magenta (23%)

Yellow (0%)

Black (48%)



Cyan (70%)

Magenta (60%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6785 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 4C6785 by changing the saturation by 10% instead.

■ 4C6785

■ 4C6785

FFFFFF

■ 334F6C

■ 7F9ABA

■ 1A3853

■ 9AB5D6

■ 00233C

■ B5D0F2

■ 000D26

■ D1ECFF

■ 000110

■ EEEFFF

■ 000000

■ 4C6785

■ 4C6785

■ 3F6085

■ 596E85

■ 315985

■ 677585

■ 245285

■ 747C85

■ 174B85

■ 818385

■ 094485

■ 8F8A85

■ 003F85

■ 9C9185

■ A99885

■ B69F85

■ C4A685

Harmonies

Analogous

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



376B7F



4C6785



646182

Triad

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



4C6785



855957



4F6C52

Complementary

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



4C6785



856A4C

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.



626847



4C6785



7F5D4A

Square

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



4C6785



835968



736344



3D6E62

Rectangle

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



4C6785



725E7C



736344



556B4D

Sweetspot

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



4C6785



97A2AD



4C8569



494F57



D6D6D6



575757

Same Dimension

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



4C6785



557FAD



4D4C85



3C3F42



003E82



000103

Inverse Universe

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



854C67



AD557F



84854C



423C3F



82003E



030001

Previews

White Background



This preview shows how the Hex color 4C6785 looks on a white background.

Color Contrast Check

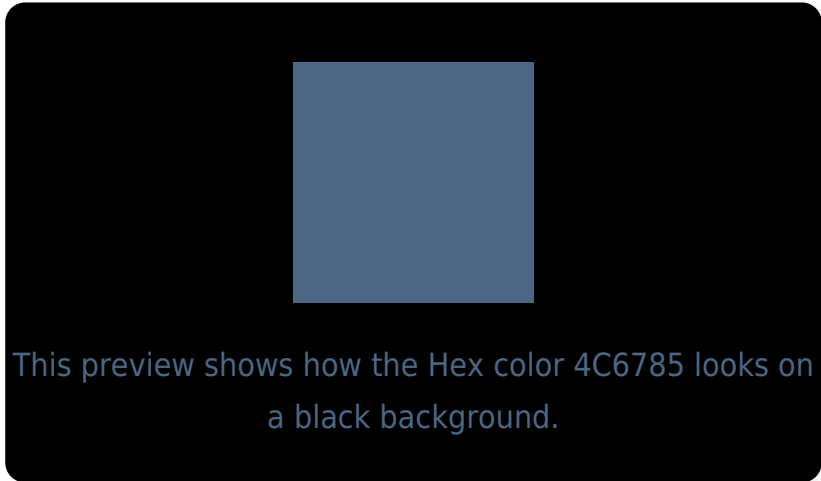
Large Text (above 18pt) WCAG AA ✓ Pass

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

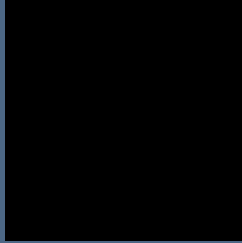
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

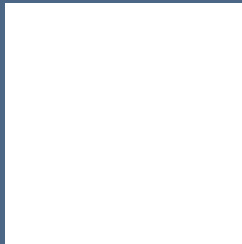
Any Text WCAG AAA × Fail

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

Hex 4C6785 Background



This preview shows how black text looks on a background with the Hex color 4C6785.

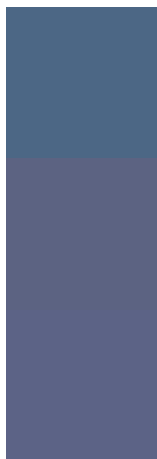


This preview shows how white text looks on a background with the Hex color 4C6785.

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

4C6785

Protanopia

5C6382

Deuteranopia

5C6386



Tritanopia
476A73

Trichromacy



Original Color
4C6785

Protanomaly
566483

Deuteranomaly
566486

Tritanomaly
49697A

Monochromacy



Original Color
4C6785

Achromatopsia
626262

Achromatomaly
5A646F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6785 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 #4C6785 looks like.

```
.text, #text, p{  
    color:#4C6785  
}
```

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 #4C6785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6785
}
```

Border

The CSS property to change the border of an element to Hex 4C6785 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
#4C6785 }
```

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

```
.border{ border-color:#4C6785 }
```

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

Here you see how a box with a 4 pixel #4C6785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6785; -webkit-box-shadow:4px 4px  
4px 4px #4C6785; box-shadow:4px 4px 4px  
4px #4C6785 }
```

Background

The CSS property to change the background color of an element to Hex 4C6785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6785 }
```

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

```
.background{ background-color:#4C6785 }
```

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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