

Converting Colors

Hex(4C537B)

Have a look what the booklet for
Hex(4C537B) contains.

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Color

Hex(4C537B)

Conversions

Conversions Part 1

Format	Color
Hex	4C537B
RGB	76, 83, 123
RGB Percent	30%, 33%, 48%
CMY	0.7020, 0.6745, 0.5176
CMYK	0.38, 0.33, 0.00, 0.52
HSL	231°, 24%, 39%
HSV	231°, 38%, 48%
XYZ	9.6489, 9.1531, 19.9971
YIQ	85.4670, -17.0120, 10.9560

Conversions

Conversions Part 2

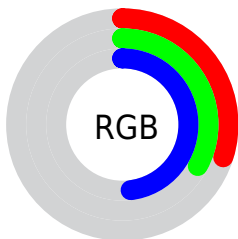
Format	Color
R_{YB}	76, 82, 123
Decimal	5002107
CIE Lab	36.28, 7.91, -23.55
CIE LCh	36, 24.845, 288.574
Yxy	9.1531, 0.2487, 0.2359
Android (android.graphics.Color)	4283192187 (0xFF4C537B)
YUV	85.4670, 18.5038, -8.3026
Hunter-Lab	30.2540, 3.9843, -18.0112

Details

The Hex color **4C537B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B744C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7F84B0**, and **1C264A** is the 20% darker color. If you saturate the color by 10%, you get **40497B**, and if you desaturate by 10%, it is **585D7B**.

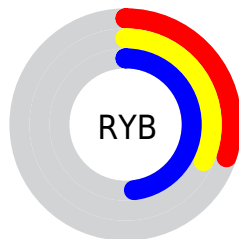
Distribution



Red (30%)

Green (33%)

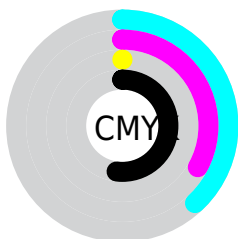
Blue (48%)



Red (30%)

Yellow (32%)

Blue (48%)

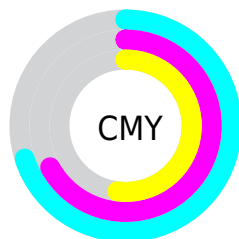


Cyan (38%)

Magenta (33%)

Yellow (0%)

Black (52%)



Cyan (70%)

Magenta (67%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C537B 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 4C537B by changing the saturation by 10% instead.

 4C537B

 4C537B

FFFFFF

 343C62

 7F84B0

 1C264A

 999ECB

 031233

 B4B9E7

 00021E

 D0D5FF

 000000

 EDF1FF

 4C537B

 4C537B

 40497B

 585D7B

 333E7B

 65687B

■ 27347B

■ 71727B

■ 1B297B

■ 7D7D7B

■ 0E1F7B

■ 8A877B

■ 02147B

■ 96927B

■ 00127B

■ A29C7B

■ AEA77B

■ BBB17B

Harmonies

Analogous

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



285A7C



4C537B



674C70

Triad

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



4C537B



764B38



245F4D

Complementary

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



4C537B



7B744C

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.



3F5D3A



4C537B



69522E

Square

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



4C537B



7C464A



56582F



006061

Rectangle

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



4C537B



734864



56582F



2E5F46

Sweetspot

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



4C537B



8F92A1



4C7B74



474952



D1D1D1



525252

Same Dimension

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



4C537B



5762A1



5C4C7B



37383D



00137D



0026FC

Inverse Universe

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



7B4C53



A15762



6B7B4C



3D3738



7D0013



FC0026

Previews

White Background



This preview shows how the Hex color 4C537B looks on a white background.

Color Contrast Check

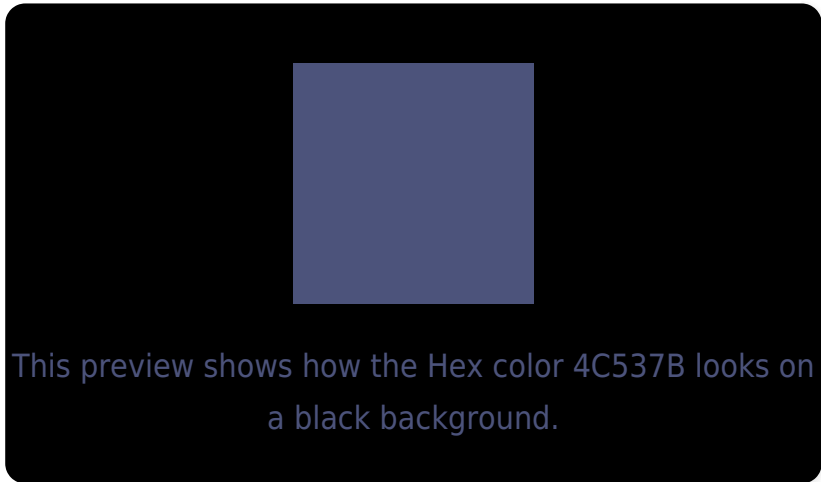
Large Text (above 18pt) WCAG AA ✓ Pass

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

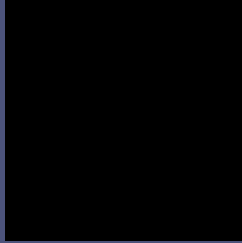
Any Text WCAG AA × Fail

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 4C537B Background



This preview shows how black text looks on a background with the Hex color 4C537B.



This preview shows how white text looks on a background with the Hex color 4C537B.

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
4C537B

Protanopia
48547C

Deuteranopia
47547B



Tritanopia
455860

Trichromacy



Original Color
4C537B

Protanomaly
49547C

Deuteranomaly
49547B

Tritanomaly
48566A

Monochromacy



Original Color
4C537B

Achromatopsia
555555

Achromatomaly
525463

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C537B 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 #4C537B looks like.

```
.text, #text, p{  
    color:#4C537B  
}
```

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 #4C537B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C537B
}
```

Border

The CSS property to change the border of an element to Hex 4C537B 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
#4C537B }
```

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

```
.border{ border-color:#4C537B }
```

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

Here you see how a box with a 4 pixel #4C537B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C537B; -webkit-box-shadow:4px 4px  
4px 4px #4C537B; box-shadow:4px 4px 4px  
4px #4C537B }
```

Background

The CSS property to change the background color of an element to Hex 4C537B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C537B }
```

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

```
.background{ background-color:#4C537B }
```

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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