

Converting Colors

Hex(47567B)

Have a look what the booklet for
Hex(47567B) contains.

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Color

Hex(47567B)

Conversions

Conversions Part 1

Format	Color
Hex	47567B
RGB	71, 86, 123
RGB Percent	28%, 34%, 48%
CMY	0.7216, 0.6627, 0.5176
CMYK	0.42, 0.30, 0.00, 0.52
HSL	223°, 27%, 38%
HSV	223°, 42%, 48%
XYZ	9.5015, 9.4252, 20.0574
YIQ	85.7330, -20.8170, 8.3270

Conversions

Conversions Part 2

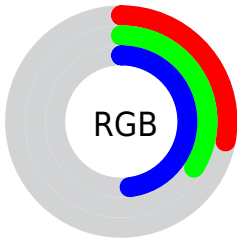
Format	Color
R_{YB}	71, 83, 123
Decimal	4675195
CIE Lab	36.79, 4.51, -22.78
CIE LCh	37, 23.222, 281.194
Yxy	9.4252, 0.2437, 0.2418
Android (android.graphics.Color)	4282865275 (0xFF47567B)
YUV	85.7330, 18.3726, -12.9208
Hunter-Lab	30.7005, 1.5178, -17.2451

Details

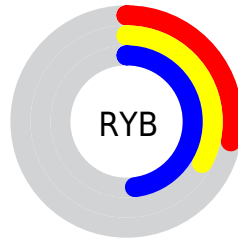
The Hex color **47567B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7B6C47**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7A88B0**, and **16294A** is the 20% darker color. If you saturate the color by 10%, you get **3B4D7B**, and if you desaturate by 10%, it is **535F7B**.

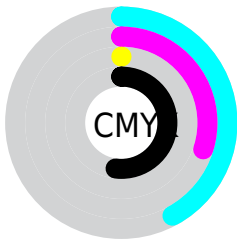
Distribution



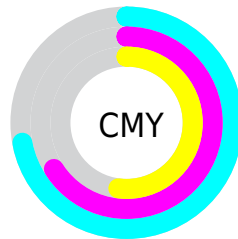
- Red (28%)
- Green (34%)
- Blue (48%)



- Red (28%)
- Yellow (33%)
- Blue (48%)



- Cyan (42%)
- Magenta (30%)
- Yellow (0%)
- Black (52%)



- Cyan (72%)
- Magenta (66%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47567B 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 47567B by changing the saturation by 10% instead.

■ 47567B

■ 47567B

FFFFFF

■ 2F3F62

■ 7A88B0

■ 16294A

■ 94A2CB

■ 001533

■ AFBDE7

■ 00021E

■ CBD8FF

■ 000000

■ E7F5FF

■ 47567B

■ 47567B

■ 3B4D7B

■ 535F7B

■ 2E447B

■ 60687B

■ 223C7B

■ 6C707B

■ 16337B

■ 78797B

■ 092A7B

■ 84827B

■ 00237B

■ 918B7B

■ 9D937B

■ A99C7B

■ B6A57B

Harmonies

Analogous

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



265C79



47567B



624F73

Triad

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



47567B



784B3F



30604A

Complementary

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



47567B



7B6C47

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.



475D3A



47567B



6D5133

Square

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



47567B



7B4850



5C5831



15615D

Rectangle

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



47567B



6F4B69



5C5831



385F44

Sweetspot

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



47567B



8C92A1



477B6B



454852



D1D1D1



525252

Same Dimension

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



47567B



4F66A1



51477B



37393D



00247D



0049FC

Inverse Universe

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



7B4756



A14F66



717B47



3D3739



7D0024



FC0049

Previews

White Background



This preview shows how the Hex color 47567B looks on a white background.

Color Contrast Check

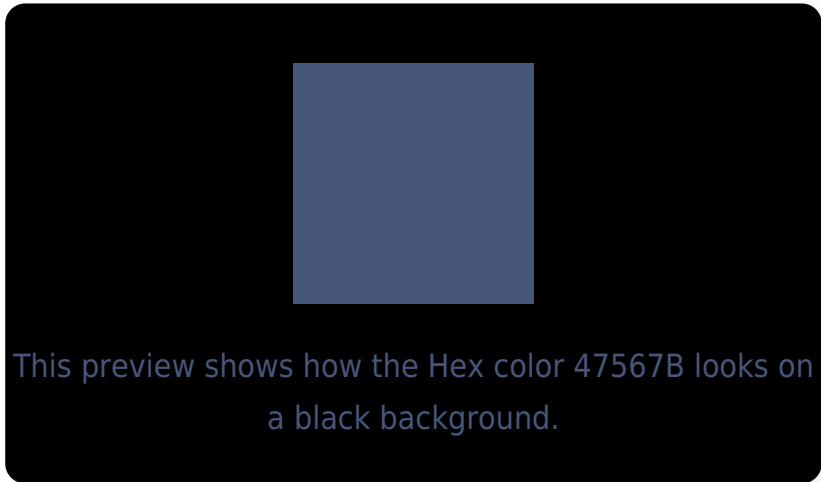
Large Text (above 18pt) WCAG AA ✓ Pass

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

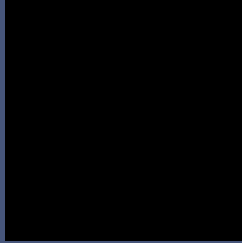
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

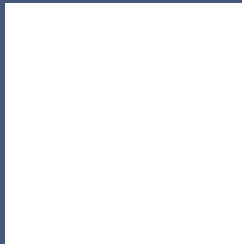
Any Text WCAG AAA × Fail

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

Hex 47567B Background



This preview shows how black text looks on a background with the Hex color 47567B.

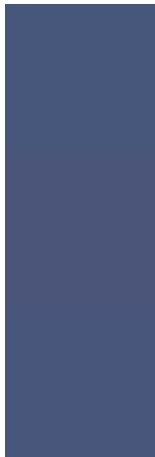


This preview shows how white text looks on a background with the Hex color 47567B.

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
47567B

Protanopia
4B557A

Deuteranopia
49567B



Tritanopia
405B62

Trichromacy



Original Color
47567B

Protanomaly
4A557A

Deuteranomaly
48567B

Tritanomaly
43596B

Monochromacy



Original Color
47567B

Achromatopsia
565656

Achromatomaly
515663

CSS Examples

Text

The CSS property to change the color of the text to Hex 47567B 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 #47567B looks like.

```
.text, #text, p{  
    color:#47567B  
}
```

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 #47567B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47567B  
}
```

Border

The CSS property to change the border of an element to Hex 47567B 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  
#47567B }
```

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

```
.border{ border-color:#47567B }
```

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

Here you see how a box with a 4 pixel #47567B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47567B; -webkit-box-shadow:4px 4px  
4px 4px #47567B; box-shadow:4px 4px 4px  
4px #47567B }
```

Background

The CSS property to change the background color of an element to Hex 47567B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47567B }
```

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

```
.background{ background-color:#47567B }
```

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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