

Converting Colors

Hex(46527B)

Have a look what the booklet for
Hex(46527B) contains.

Hex(46527B)	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(46527B)

Conversions

Conversions Part 1

Format	Color
Hex	46527B
RGB	70, 82, 123
RGB Percent	27%, 32%, 48%
CMY	0.7255, 0.6784, 0.5176
CMYK	0.43, 0.33, 0.00, 0.52
HSL	226°, 27%, 38%
HSV	226°, 43%, 48%
XYZ	9.1182, 8.7667, 19.9505
YIQ	83.0860, -20.3130, 10.2070

Conversions

Conversions Part 2

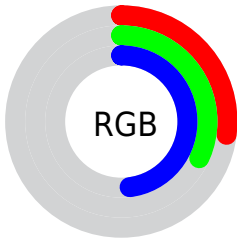
Format	Color
R_{YB}	70, 80, 123
Decimal	4608635
CIE _{Lab}	35.53, 6.77, -24.75
CIE _{LCh}	36, 25.658, 285.305
Yxy	8.7667, 0.2410, 0.2317
Android (android.graphics.Color)	4282798715 (0xFF46527B)
YUV	83.0860, 19.6776, -11.4764
Hunter-Lab	29.6087, 3.1553, -19.2238

Details

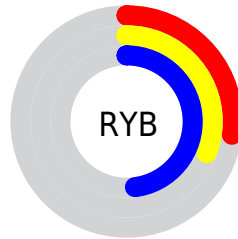
The Hex color **46527B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B6F46**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7983B0**, and **14264A** is the 20% darker color. If you saturate the color by 10%, you get **3A487B**, and if you desaturate by 10%, it is **525C7B**.

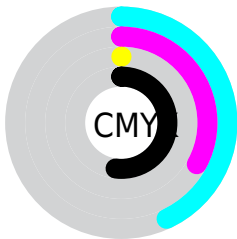
Distribution



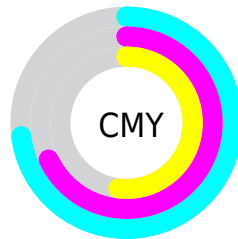
- Red (27%)
- Green (32%)
- Blue (48%)



- Red (27%)
- Yellow (31%)
- Blue (48%)



- Cyan (43%)
- Magenta (33%)
- Yellow (0%)
- Black (52%)



- Cyan (73%)
- Magenta (68%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46527B 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 46527B by changing the saturation by 10% instead.

■ 46527B

■ 46527B

FFFFFF

■ 2D3B62

■ 7983B0

■ 14264A

■ 939DCB

■ 001133

■ AEB8E7

■ 00021E

■ CAD4FF

■ 000000

■ E6F0FF

■ 46527B

■ 46527B

■ 3A487B

■ 525C7B

■ 2D3F7B

■ 5F657B

■ 21357B

■ 6B6F7B

■ 152C7B

■ 77787B

■ 08227B

■ 84827B

■ 001C7B

■ 908B7B

■ 9C957B

■ A89E7B

■ B5A87B

Harmonies

Analogous

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



1D597B



46527B



634A71

Triad

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



46527B



764837



235E48

Complementary

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



46527B



7B6F46

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.



3F5B36



46527B



694F2C

Square

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



46527B



7B434A



56562B



005E5E

Rectangle

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



46527B



704665



56562B



2D5D42

Sweetspot

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



46527B



8C90A1



467B6F



454852



D1D1D1



525252

Same Dimension

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



46527B



4D60A1



54467B



37383D



001C7D



0039FC

Inverse Universe

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



7B4652



A14D60



6D7B46



3D3738



7D001C



FC0039

Previews

White Background



This preview shows how the Hex color 46527B looks on a white background.

Color Contrast Check

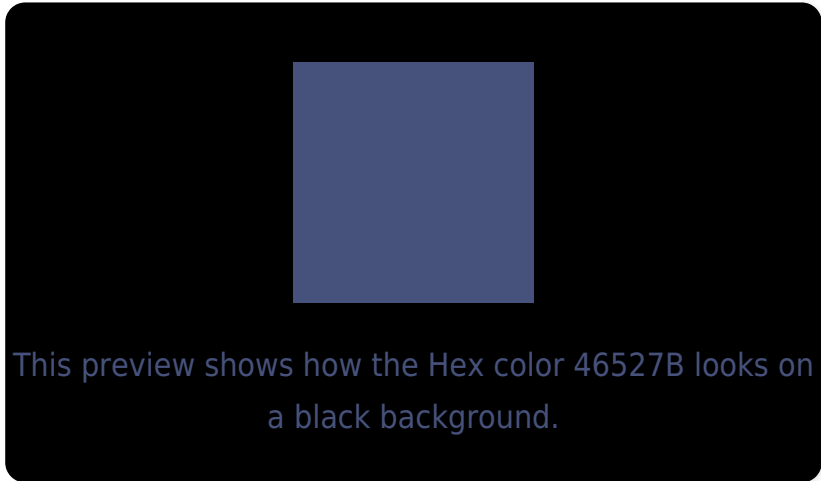
Large Text (above 18pt) WCAG AA ✓ Pass

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

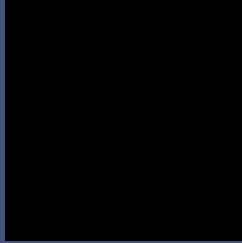
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

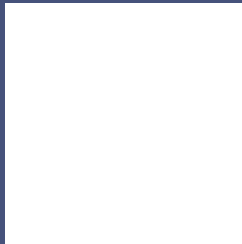
Any Text WCAG AAA × Fail

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

Hex 46527B Background



This preview shows how black text looks on a background with the Hex color 46527B.

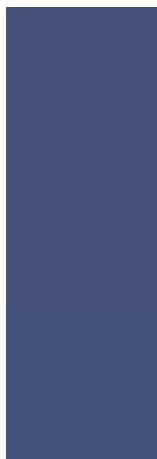


This preview shows how white text looks on a background with the Hex color 46527B.

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


46527B

Protanopia

46527B

Deuteranopia

43537B



Tritanopia
3E585F

Trichromacy



Original Color
46527B

Protanomaly
46527B

Deuteranomaly
44537B

Tritanomaly
415669

Monochromacy



Original Color
46527B

Achromatopsia
535353

Achromatomaly
4E5362

CSS Examples

Text

The CSS property to change the color of the text to Hex 46527B 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 #46527B looks like.

```
.text, #text, p{  
    color:#46527B  
}
```

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 #46527B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46527B
}
```

Border

The CSS property to change the border of an element to Hex 46527B 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".

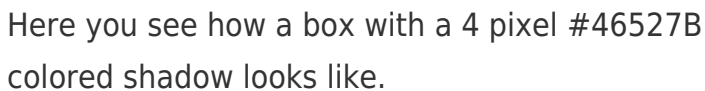
```
.border, #border, table{ border:4px solid
#46527B }
```

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

```
.border{ border-color:#46527B }
```

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

Here you see how a box with a 4 pixel #46527B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46527B; -webkit-box-shadow:4px 4px  
4px 4px #46527B; box-shadow:4px 4px 4px  
4px #46527B }
```

Background

The CSS property to change the background color of an element to Hex 46527B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46527B }
```

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

```
.background{ background-color:#46527B }
```

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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