

Converting Colors

Hex(4B457C)

Have a look what the booklet for
Hex(4B457C) contains.

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Color

Hex(4B457C)

Conversions

Conversions Part 1

Format	Color
Hex	4B457C
RGB	75, 69, 124
RGB Percent	29%, 27%, 49%
CMY	0.7059, 0.7294, 0.5137
CMYK	0.40, 0.44, 0.00, 0.51
HSL	247°, 28%, 38%
HSV	247°, 44%, 49%
XYZ	8.6679, 7.2073, 20.0031
YIQ	77.0640, -14.0790, 18.3770

Conversions

Conversions Part 2

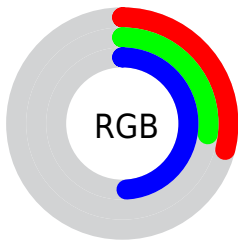
Format	Color
R_{YB}	75, 69, 124
Decimal	4932988
CIE _{Lab}	32.27, 16.98, -30.46
CIE _{LCh}	32, 34.876, 299.133
Yxy	7.2073, 0.2416, 0.2009
Android (android.graphics.Color)	4283123068 (0xFF4B457C)
YUV	77.0640, 23.1394, -1.8101
Hunter-Lab	26.8465, 10.6505, -25.3840

Details

The Hex color **4B457C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **767C45**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7E75B1**, and **191A4B** is the 20% darker color. If you saturate the color by 10%, you get **40397C**, and if you desaturate by 10%, it is **56517C**.

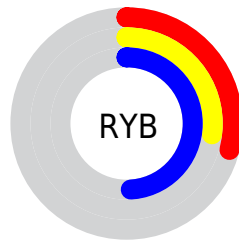
Distribution



Red (29%)

Green (27%)

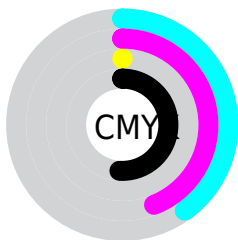
Blue (49%)



Red (29%)

Yellow (27%)

Blue (49%)

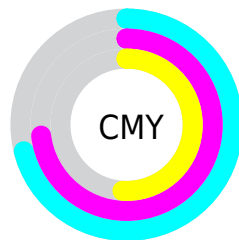


Cyan (40%)

Magenta (44%)

Yellow (0%)

Black (51%)



Cyan (71%)

Magenta (73%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B457C 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 4B457C by changing the saturation by 10% instead.

■ 4B457C

■ 4B457C

FFFFFF

■ 322F63

■ 7E75B1

■ 191A4B

■ 998FCD

■ 040034

■ B4A9E9

■ 00021E

■ D0C5FF

■ 000000

■ EDE1FF

■ FFFDFD

■ 4B457C

■ 4B457C

■ 40397C

■ 56517C

■ 352C7C

■ 615E7C

■ 2A207C

■ 6C6A7C

■ 1F137C

■ 77777C

■ 14077C

■ 82837C

■ 0E007C

■ 8D8F7C

■ 989C7C

■ A3A87C

■ AEB57C

Harmonies

Analogous

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



004F83



4B457C



6C3A68

Triad

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



4B457C



70401D



00594A

Complementary

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



4B457C



767C45

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.



19572E



4B457C



5B4A11

Square

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



4B457C



7D3633



405218



005966

Rectangle

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



4B457C



793457



405218



005941

Sweetspot

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



4B457C



8E8CA1



45767C



464552



D1D1D1



525252

Same Dimension

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



4B457C



554CA1



66457C



38373D



0E007D



1C00FC

Inverse Universe

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



7C4576



A14C97



5B7C45



3D373D



7D006F



FC00E1

Previews

White Background



This preview shows how the Hex color 4B457C looks on a white background.

Color Contrast Check

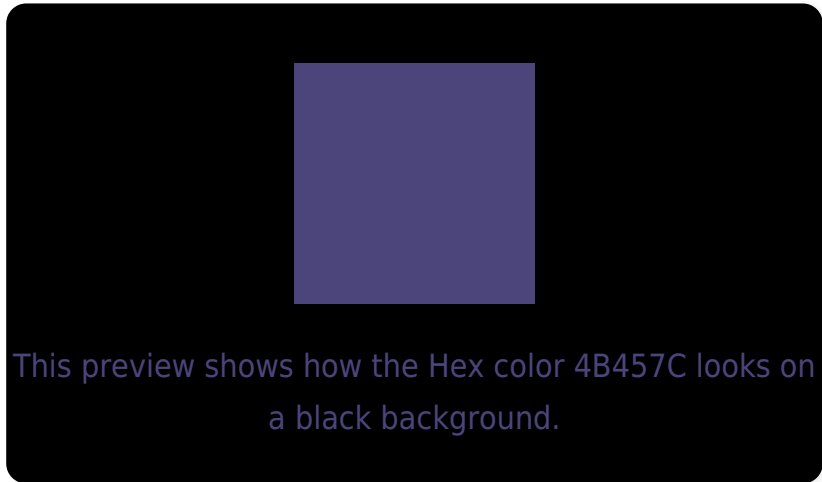
Large Text (above 18pt) WCAG AA ✓ Pass

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

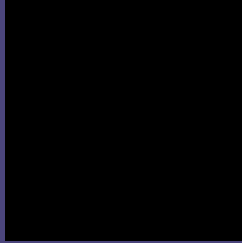
Any Text WCAG AA × Fail

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 4B457C Background



This preview shows how black text looks on a background with the Hex color 4B457C.

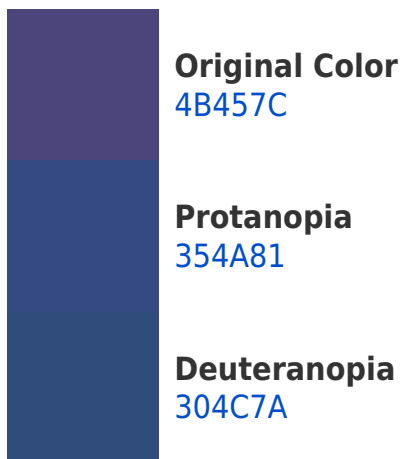


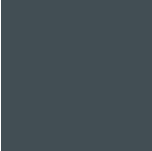
This preview shows how white text looks on a background with the Hex color 4B457C.

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





Tritanopia
424E54

Trichromacy



Original Color
4B457C

Protanomaly
3D487F

Deuteranomaly
3A497B

Tritanomaly
454B63

Monochromacy



Original Color
4B457C

Achromatopsia
4D4D4D

Achromatomaly
4C4A5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B457C 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 #4B457C looks like.

```
.text, #text, p{  
    color:#4B457C  
}
```

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 #4B457C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B457C  
}
```

Border

The CSS property to change the border of an element to Hex 4B457C is called "border". The border property can be set on classes, ids or directly on the HTML element.

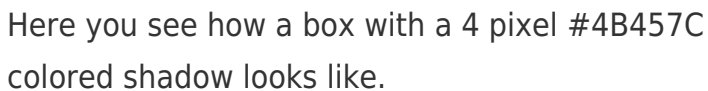
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4B457C }
```

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

```
.border{ border-color:#4B457C }
```

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



Here you see how a box with a 4 pixel #4B457C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B457C; -webkit-box-shadow:4px 4px  
4px 4px #4B457C; box-shadow:4px 4px 4px  
4px #4B457C }
```

Background

The CSS property to change the background color of an element to Hex 4B457C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B457C }
```

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

```
.background{ background-color:#4B457C }
```

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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