

Converting Colors

Hex(2C477B)

Have a look what the booklet for
Hex(2C477B) contains.

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Color

Hex(2C477B)

Conversions

Conversions Part 1

Format	Color
Hex	2C477B
RGB	44, 71, 123
RGB Percent	17%, 28%, 48%
CMY	0.8275, 0.7216, 0.5176
CMYK	0.64, 0.42, 0.00, 0.52
HSL	219°, 47%, 33%
HSV	219°, 64%, 48%
XYZ	6.8671, 6.4720, 19.6262
YIQ	68.8550, -32.7840, 10.4480

Conversions

Conversions Part 2

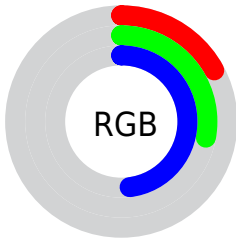
Format	Color
R_{YB}	44, 64, 123
Decimal	2901883
CIE _{Lab}	30.57, 7.50, -32.68
CIE _{LCh}	31, 33.528, 282.928
Yxy	6.4720, 0.2083, 0.1963
Android (android.graphics.Color)	4281091963 (0xFF2C477B)
YUV	68.8550, 26.6935, -21.7978
Hunter-Lab	25.4401, 3.6625, -27.9321




Details

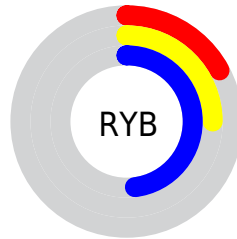
The Hex color **2C477B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7B602C**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **6277B0**, and **001C4A** is the 20% darker color. If you saturate the color by 10%, you get **203F7B**, and if you desaturate by 10%, it is **384F7B**.

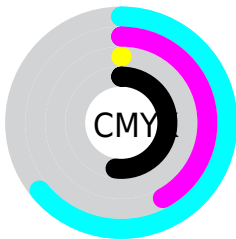
Distribution







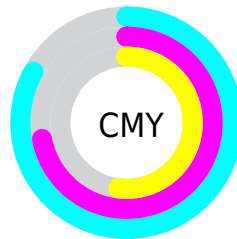
-  Red (17%)
-  Green (28%)
-  Blue (48%)






-  Red (17%)
-  Yellow (25%)
-  Blue (48%)



-  Cyan (64%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (83%)
-  Magenta (72%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C477B 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 2C477B by changing the saturation by 10% instead.

■ 2C477B

■ 2C477B

FFFFFF

■ 0B3162

■ 6277B0

■ 001C4A

■ 7C91CB

■ 000033

■ 97ABE8

■ 00021D

■ B3C6FF

■ 000000

■ D0E2FF

■ ECFFFF

■ 2C477B

■ 2C477B

■ 203F7B

■ 384F7B

■ 13377B

■ 45577B

■ 072F7B

■ 515F7B

■ 002A7B

■ 5D677B

■ 6A6F7B

■ 76787B

■ 82807B

■ 8E887B

■ 9B907B

Harmonies

Analogous

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



004F7A



2C477B



583C6E

Triad

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



2C477B



723726



005438

Complementary

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



2C477B



7B602C

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.



2E5020



2C477B



624114

Square

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



2C477B



78303E



4B4A10



005553

Rectangle

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



2C477B



6A3560



4B4A10



0F532F

Sweetspot

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



2C477B



828DA1



2C7B5F



3F4552



D1D1D1



525252

Same Dimension

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



2C477B



254FA1



382C7B



37393D



002B7D



0056FC

Inverse Universe

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



7B2C47



A1254F



6F7B2C



3D3739



7D002B



FC0056

Previews

White Background



This preview shows how the Hex color 2C477B looks on a white background.

Color Contrast Check

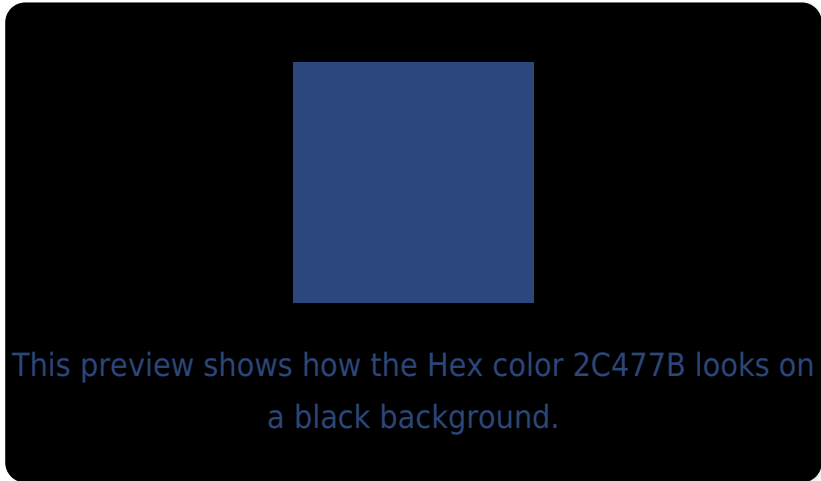
Large Text (above 18pt) WCAG AA ✓ Pass

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 2C477B Background



This preview shows how black text looks on a background with the Hex color 2C477B.



This preview shows how white text looks on a background with the Hex color 2C477B.

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](#).

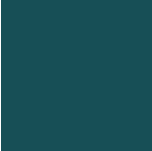
Dichromacy



Original Color
2C477B

Protanopia
31467A

Deuteranopia
22497B



Tritanopia
174F56

Trichromacy



Original Color
2C477B

Protanomaly
2F467A

Deuteranomaly
26487B

Tritanomaly
1F4C63

Monochromacy



Original Color
2C477B

Achromatopsia
454545

Achromatomaly
3C4659

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C477B 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 #2C477B looks like.

```
.text, #text, p{  
    color:#2C477B  
}
```

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 #2C477B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C477B
}
```

Border

The CSS property to change the border of an element to Hex 2C477B 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
#2C477B }
```

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

```
.border{ border-color:#2C477B }
```

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

Here you see how a box with a 4 pixel #2C477B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C477B; -webkit-box-shadow:4px 4px  
4px 4px #2C477B; box-shadow:4px 4px 4px  
4px #2C477B }
```

Background

The CSS property to change the background color of an element to Hex 2C477B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C477B }
```

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

```
.background{ background-color:#2C477B }
```

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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