

Converting Colors

Hex(284C7F)

Have a look what the booklet for
Hex(284C7F) contains.

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Color

Hex(284C7F)

Conversions

Conversions Part 1

Format	Color
Hex	284C7F
RGB	40, 76, 127
RGB Percent	16%, 30%, 50%
CMY	0.8431, 0.7020, 0.5020
CMYK	0.69, 0.40, 0.00, 0.50
HSL	215°, 52%, 33%
HSV	215°, 69%, 50%
XYZ	7.2903, 7.1523, 21.0750
YIQ	71.0500, -37.8270, 8.2290

Conversions

Conversions Part 2

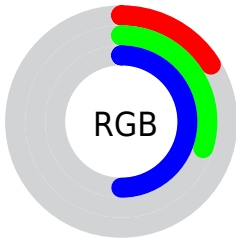
Format	Color
R_{YB}	40, 65, 127
Decimal	2641023
CIE _{Lab}	32.15, 4.89, -32.67
CIE _{LCh}	32, 33.036, 278.518
Yxy	7.1523, 0.2053, 0.2014
Android (android.graphics.Color)	4280831103 (0xFF284C7F)
YUV	71.0500, 27.5833, -27.2308
Hunter-Lab	26.7438, 1.8569, -28.0018

Details

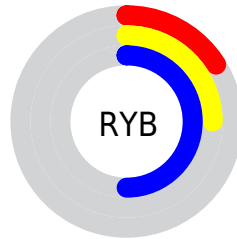
The Hex color **284C7F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7F5B28**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5F7CB4**, and **00214D** is the 20% darker color. If you saturate the color by 10%, you get **1B457F**, and if you desaturate by 10%, it is **35537F**.

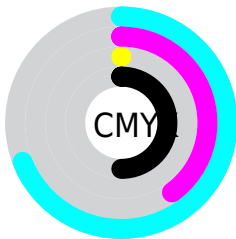
Distribution



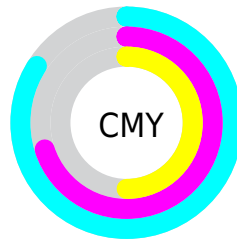
- Red (16%)
- Green (30%)
- Blue (50%)



- Red (16%)
- Yellow (25%)
- Blue (50%)



- Cyan (69%)
- Magenta (40%)
- Yellow (0%)
- Black (50%)



- Cyan (84%)
- Magenta (70%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 284C7F 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 284C7F by changing the saturation by 10% instead.

■ 284C7F

■ 284C7F

FFFFFF

■ 013666

■ 5F7CB4

■ 00214D

■ 7A96D0

■ 000936

■ 95B1EC

■ 000220

■ B1CCFF

■ 000005

■ CEE8FF

■ 000000

■ EBFFFF

■ 284C7F

■ 284C7F

■ 1B457F

■ 35537F

■ 0F3D7F

■ 415B7F

■ 02367F

■ 4E627F

■ 00357F

■ 5B6A7F

■ 68717F

■ 74797F

■ 81807F

■ 8E887F

■ 9A8F7F

Harmonies

Analogous

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



00537C



284C7F



574274

Triad

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



284C7F



783A2D



075738

Complementary

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



284C7F



7F5B28

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.



375321



284C7F



69431A

Square

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



284C7F



7B3445



534D15



005852

Rectangle

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



284C7F



6A3B67



534D15



1E562F

Sweetspot

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



284C7F



8391A6



287F5B



3F4854



D4D4D4



545454

Same Dimension

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



284C7F



1E56A6



2F287F



393C40



003580



000000

Inverse Universe

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



7F284C



A61E56



787F28



40393C



800035



000000

Previews

White Background



This preview shows how the Hex color 284C7F looks on a white background.

Color Contrast Check

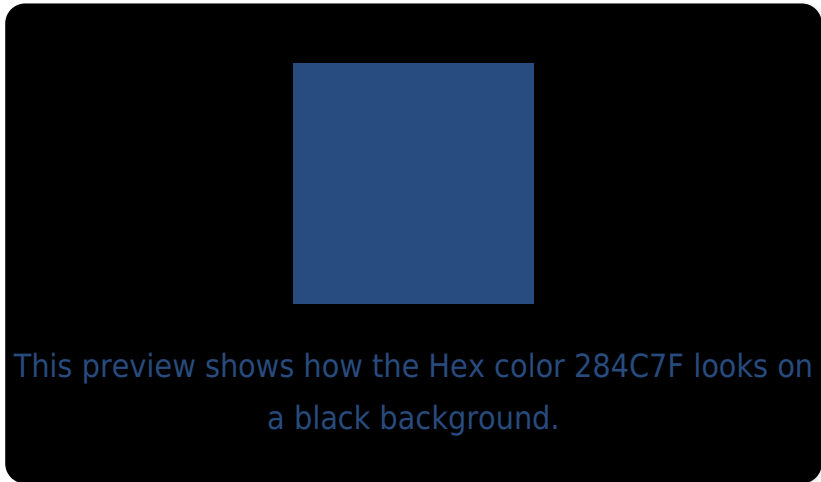
Large Text (above 18pt) WCAG AA ✓ Pass

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 284C7F Background



This preview shows how black text looks on a background with the Hex color 284C7F.



This preview shows how white text looks on a background with the Hex color 284C7F.

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
284C7F

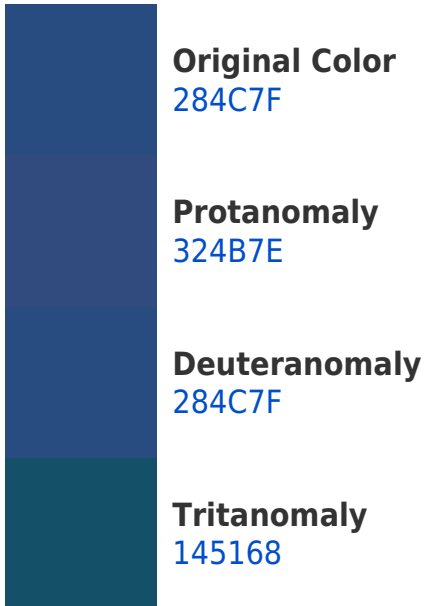
Protanopia
374A7D

Deuteranopia
284C7F

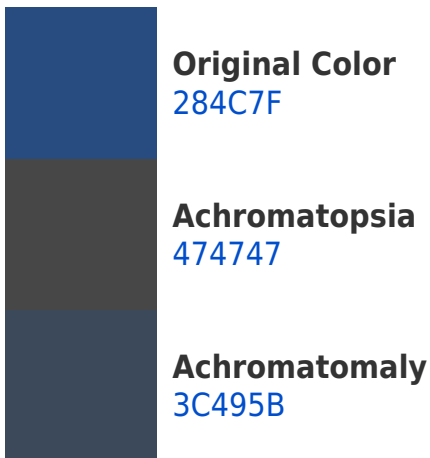


Tritanopia
08545B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 284C7F 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 #284C7F looks like.

```
.text, #text, p{  
    color:#284C7F  
}
```

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 #284C7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284C7F
}
```

Border

The CSS property to change the border of an element to Hex 284C7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

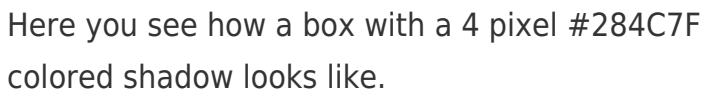
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#284C7F }
```

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

```
.border{ border-color:#284C7F }
```

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



Here you see how a box with a 4 pixel #284C7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284C7F; -webkit-box-shadow:4px 4px  
4px 4px #284C7F; box-shadow:4px 4px 4px  
4px #284C7F }
```

Background

The CSS property to change the background color of an element to Hex 284C7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284C7F }
```

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

```
.background{ background-color:#284C7F }
```

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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