

Converting Colors

Hex(287198)

Have a look what the booklet for
Hex(287198) contains.

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Color

Hex(287198)

Conversions

Conversions Part 1

Format	Color
Hex	287198
RGB	40, 113, 152
RGB Percent	16%, 44%, 60%
CMY	0.8431, 0.5569, 0.4039
CMYK	0.74, 0.26, 0.00, 0.40
HSL	201°, 58%, 38%
HSV	201°, 74%, 60%
XYZ	12.4477, 14.5284, 31.8540
YIQ	95.6190, -56.0270, -3.3470

Conversions

Conversions Part 2

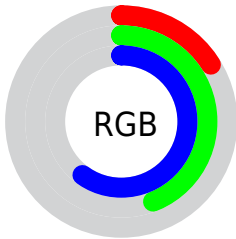
Format	Color
RYB	40, 84, 152
Decimal	2650520
CIELab	44.98, -8.94, -27.63
CIELCh	45, 29.038, 252.076
Yxy	14.5284, 0.2116, 0.2470
Android (android.graphics.Color)	4280840600 (0xFF287198)
YUV	95.6190, 27.7958, -48.7779
Hunter-Lab	38.1161, -8.4099, -22.8679

Details

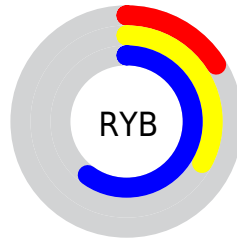
The Hex color **287198** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **984F28**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **65A5CE**, and **004165** is the 20% darker color. If you saturate the color by 10%, you get **196C98**, and if you desaturate by 10%, it is **377698**.

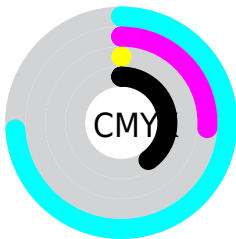
Distribution



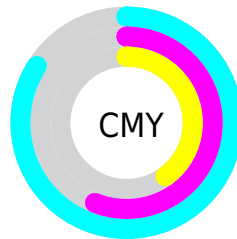
- Red (16%)
- Green (44%)
- Blue (60%)



- Red (16%)
- Yellow (33%)
- Blue (60%)



- Cyan (74%)
- Magenta (26%)
- Yellow (0%)
- Black (40%)



- Cyan (84%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 287198 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 287198 by changing the saturation by 10% instead.

■ 287198

■ 287198

FFFFFF

■ 00597E

■ 65A5CE

■ 004165

■ 81C0EB

■ 002B4D

■ 9DDCFF

■ 001736

■ BAF8FF

■ 000220

■ D7FFFF

■ 000004

■ F5FFFF

■ 000000

■ 287198

■ 287198

■ 196C98

■ 377698

■ 0A6698

■ 467C98

■ 006398

■ 568198

■ 658698

■ 748B98

■ 839198

■ 929698

■ A29B98

■ B1A198

Harmonies

Analogous

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



00768A



287198



57699A

Triad

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



287198



995761



567246

Complementary

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



287198



984F28

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.



706C3A



287198



955C4B

Square

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



287198



90597A



86643C



36765B

Rectangle

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



287198



6F6493



86643C



5F7140

Sweetspot

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



287198



99B5C4



28984D



4A5A63



E3E3E3



636363

Same Dimension

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



287198



1888C4



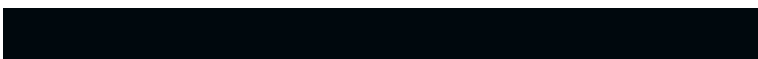
283B98



454A4D



005B8C



00080D

Inverse Universe

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



982871



C41888



988528



4D454A



8C005B



0D0008

Previews

White Background



This preview shows how the Hex color 287198 looks on a white background.

Color Contrast Check

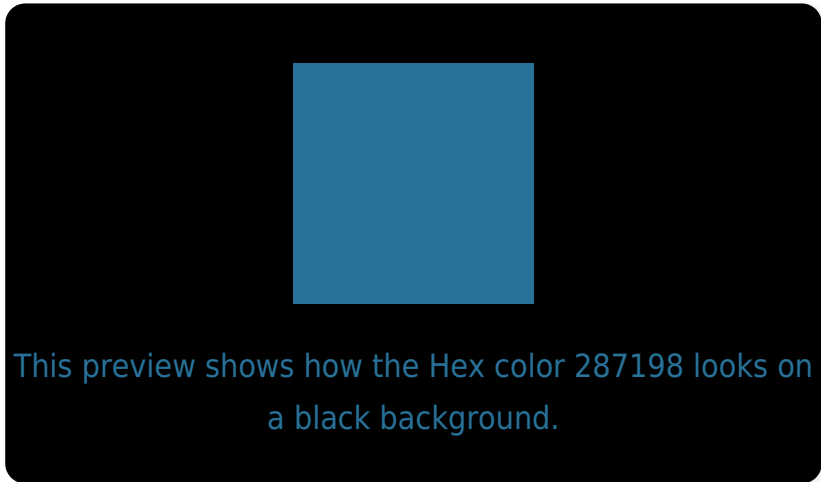
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 287198 Background



This preview shows how black text looks on a background with the Hex color 287198.

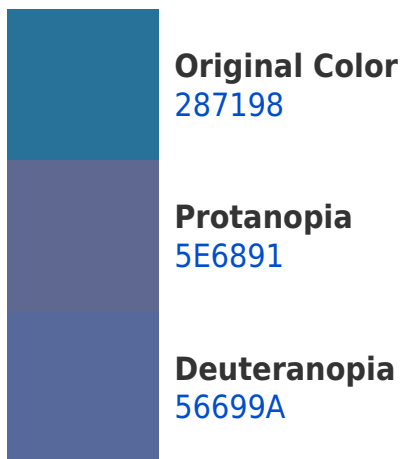


This preview shows how white text looks on a background with the Hex color 287198.

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](#).

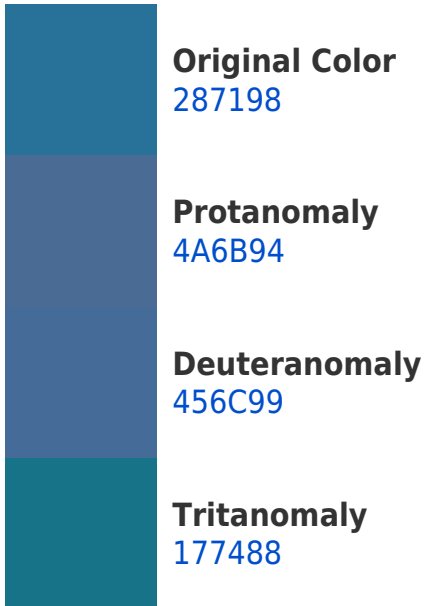
Dichromacy



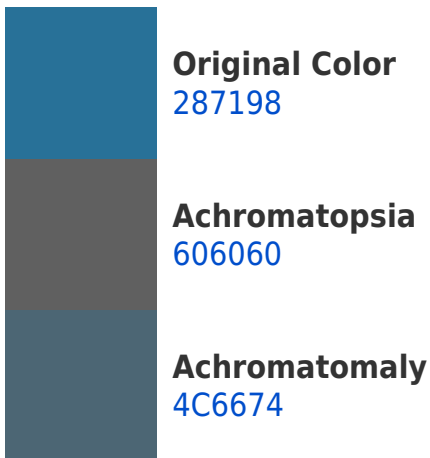


Tritanopia
0E767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 287198 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 #287198 looks like.

```
.text, #text, p{  
    color:#287198  
}
```

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 #287198 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #287198
}
```

Border

The CSS property to change the border of an element to Hex 287198 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
#287198 }
```

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

```
.border{ border-color:#287198 }
```

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

Here you see how a box with a 4 pixel #287198 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #287198; -webkit-box-shadow:4px 4px  
4px 4px #287198; box-shadow:4px 4px 4px  
4px #287198 }
```

Background

The CSS property to change the background color of an element to Hex 287198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#287198 }
```

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

```
.background{ background-color:#287198 }
```

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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