

Converting Colors

Hex(287298)

Have a look what the booklet for
Hex(287298) contains.

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Color

Hex(287298)

Conversions

Conversions Part 1

Format	Color
Hex	287298
RGB	40, 114, 152
RGB Percent	16%, 45%, 60%
CMY	0.8431, 0.5529, 0.4039
CMYK	0.74, 0.25, 0.00, 0.40
HSL	200°, 58%, 38%
HSV	200°, 74%, 60%
XYZ	12.5599, 14.7527, 31.8914
YIQ	96.2060, -56.3020, -3.8700

Conversions

Conversions Part 2

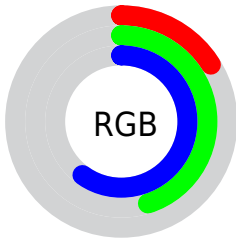
Format	Color
RYB	40, 85, 152
Decimal	2650776
CIELab	45.29, -9.52, -27.14
CIELCh	45, 28.764, 250.668
Yxy	14.7527, 0.2121, 0.2492
Android (android.graphics.Color)	4280840856 (0xFF287298)
YUV	96.2060, 27.5064, -49.2927
Hunter-Lab	38.4093, -8.8466, -22.3421

Details

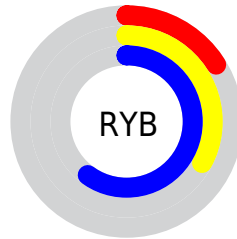
The Hex color **287298** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **984E28**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **65A6CE**, and **004265** is the 20% darker color. If you saturate the color by 10%, you get **196D98**, and if you desaturate by 10%, it is **377798**.

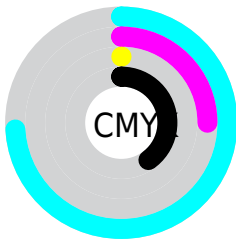
Distribution



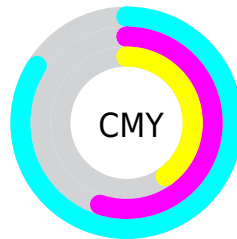
- Red (16%)
- Green (45%)
- Blue (60%)



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



- Cyan (74%)
- Magenta (25%)
- Yellow (0%)
- Black (40%)



- Cyan (84%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 287298 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 287298 by changing the saturation by 10% instead.

■ 287298

■ 287298

FFFFFF

■ 005A7E

■ 65A6CE

■ 004265

■ 81C1EB

■ 002C4D

■ 9DDDFD

■ 001836

■ BAF9FF

■ 000220

■ D7FFFF

■ 000004

■ F5FFFF

■ 000000

■ 287298

■ 287298

■ 196D98

■ 377798

■ 0A6898

■ 467C98

■ 006498

■ 568198

■ 658798

■ 748C98

■ 839198

■ 929698

■ A29B98

■ B1A098

Harmonies

Analogous

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



00768A



287298



566B9A

Triad

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



287298



9A5863



587346

Complementary

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



287298



984E28

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.



726D3B



287298



965C4D

Square

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



287298



905A7C



88643E



39775B

Rectangle

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



287298



6E6594



88643E



617141

Sweetspot

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



287298



99B6C4



28984D



4A5B63



E3E3E3



636363

Same Dimension

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



287298



188AC4



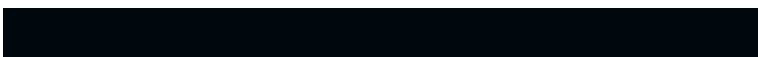
283B98



454A4D



005D8C



00080D

Inverse Universe

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



982872



C4188A



988528



4D454A



8C005D



0D0008

Previews

White Background



This preview shows how the Hex color 287298 looks on a white background.

Color Contrast Check

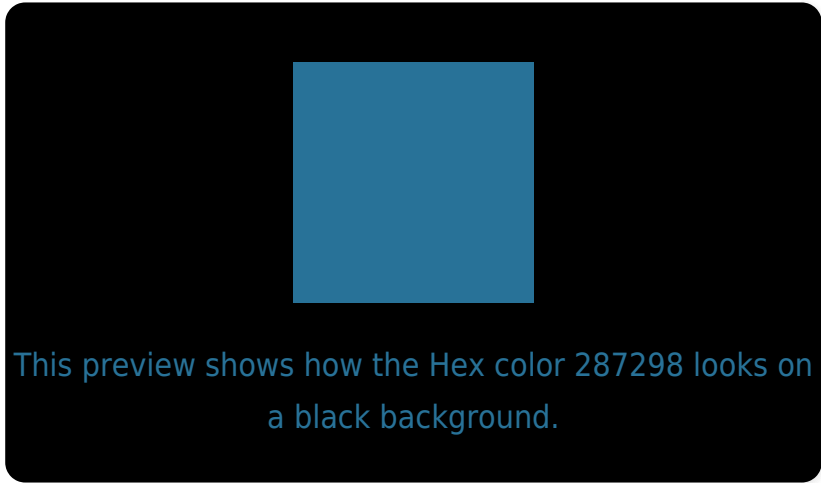
Large Text (above 18pt) WCAG AA ✓ Pass

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

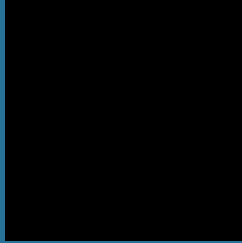
Any Text WCAG AA × Fail

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 287298 Background



This preview shows how black text looks on a background with the Hex color 287298.

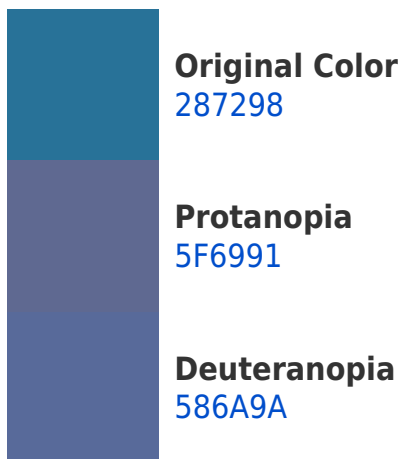


This preview shows how white text looks on a background with the Hex color 287298.

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](#).

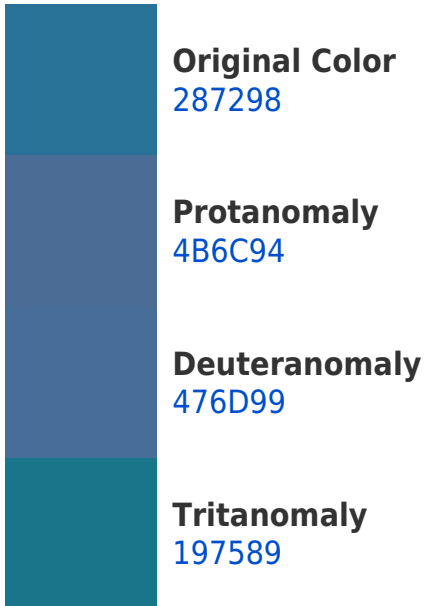
Dichromacy



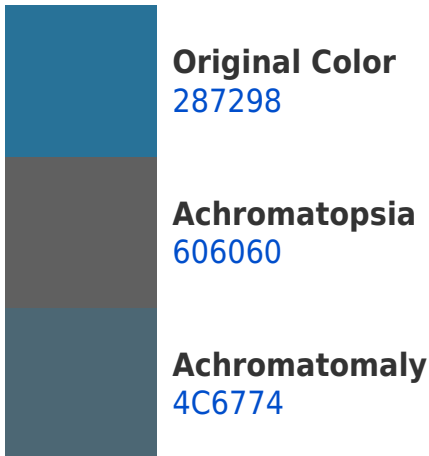


Tritanopia
107680

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 287298 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 #287298 looks like.

```
.text, #text, p{  
    color:#287298  
}
```

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 #287298 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #287298
}
```

Border

The CSS property to change the border of an element to Hex 287298 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
#287298 }
```

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

```
.border{ border-color:#287298 }
```

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

Here you see how a box with a 4 pixel #287298 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #287298; -webkit-box-shadow:4px 4px  
4px 4px #287298; box-shadow:4px 4px 4px  
4px #287298 }
```

Background

The CSS property to change the background color of an element to Hex 287298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#287298 }
```

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

```
.background{ background-color:#287298 }
```

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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