

Converting Colors

Hex(285782)

Have a look what the booklet for
Hex(285782) contains.

| | |
|--|----|
| Hex(285782) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(285782)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 285782 |
| RGB | 40, 87, 130 |
| RGB Percent | 16%, 34%, 51% |
| CMY | 0.8431, 0.6588, 0.4902 |
| CMYK | 0.69, 0.33, 0.00, 0.49 |
| HSL | 209°, 53%, 33% |
| HSV | 209°, 69%, 51% |
| XYZ | 8.3125, 8.8792, 22.3948 |
| YIQ | 77.8490, -41.8150, 3.4090 |

Conversions

Conversions Part 2

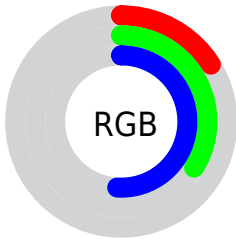
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 40, 71, 130 |
| Decimal | 2643842 |
| CIELab | 35.75, -1.12, -28.83 |
| CIElCh | 36, 28.854, 267.768 |
| Yxy | 8.8792, 0.2100, 0.2243 |
| Android (android.graphics.Color) | 4280833922 (0xFF285782) |
| YUV | 77.8490, 25.7104, -33.1936 |
| Hunter-Lab | 29.7980, -2.3517, -23.7011 |

Details

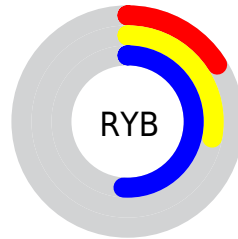
The Hex color **285782** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **825328**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6089B7**, and **002A50** is the 20% darker color. If you saturate the color by 10%, you get **1B5182**, and if you desaturate by 10%, it is **355D82**.

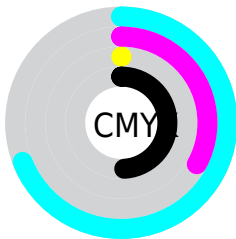
Distribution



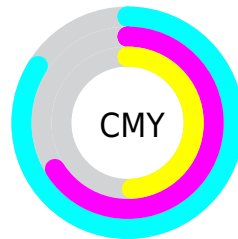
- Red (16%)
- Green (34%)
- Blue (51%)



- Red (16%)
- Yellow (28%)
- Blue (51%)



- Cyan (69%)
- Magenta (33%)
- Yellow (0%)
- Black (49%)



- Cyan (84%)
- Magenta (66%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285782 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 285782 by changing the saturation by 10% instead.

■ 285782

■ 285782

FFFFFF

■ 004069

■ 6089B7

■ 002A50

■ 7BA3D3

■ 001639

■ 96BEEF

■ 000223

■ B2D9FF

■ 00000A

■ CFF6FF

■ 000000

■ ECFFFF

■ 285782

■ 285782

■ 1B5182

■ 355D82

■ 0E4B82

■ 426382

■ 014482

■ 4F6A82

■ 004482

■ 5C7082

■ 697682

■ 767C82

■ 838282

■ 908982

■ 9D8F82

Harmonies

Analogous

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



005D7B



285782



534F7D

Triad

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



285782



7F4340



305E3B

Complementary

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



285782



825328

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.



4C592A



285782



754A2E

Square

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



285782



7E4157



645225



006052

Rectangle

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



285782



674973



645225



3A5C34

Sweetspot

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



285782



8597A8



288252



3F4A54



D4D4D4



545454

Same Dimension

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



285782



1D66A8



282B82



393D40



004380



000000

Inverse Universe

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



822857



A81D66



827F28



40393D



800043



000000

Previews

White Background



This preview shows how the Hex color 285782 looks on a white background.

Color Contrast Check

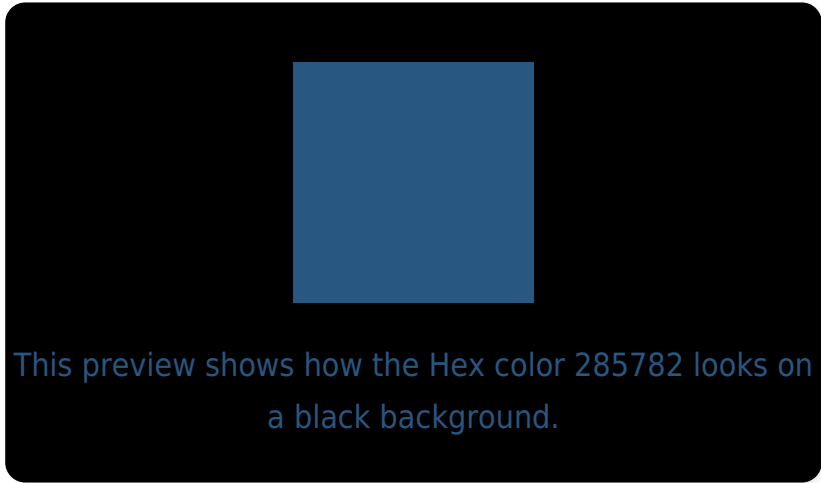
Large Text (above 18pt) WCAG AA ✓ Pass

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 285782 Background



This preview shows how black text looks on a background with the Hex color 285782.

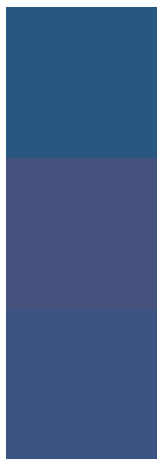


This preview shows how white text looks on a background with the Hex color 285782.

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
285782

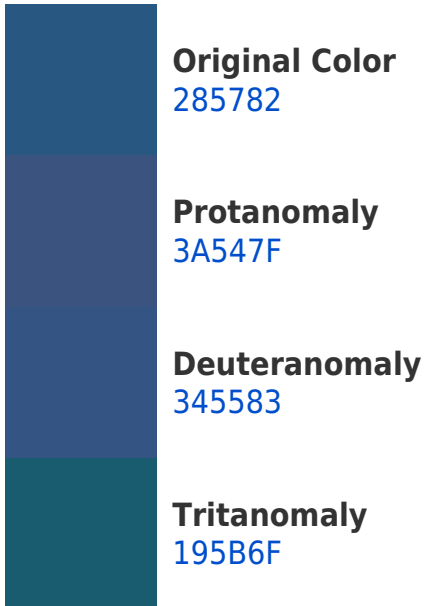
Protanopia
45527E

Deuteranopia
3B5483



Tritanopia
115D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 285782 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 #285782 looks like.

```
.text, #text, p{  
    color:#285782  
}
```

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 #285782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285782
}
```

Border

The CSS property to change the border of an element to Hex 285782 is called "border". The border property can be set on classes, ids or directly on the HTML element.

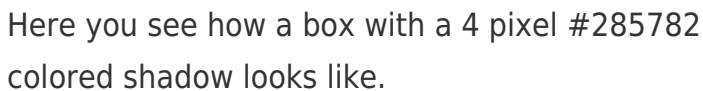
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#285782 }
```

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

```
.border{ border-color:#285782 }
```

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



Here you see how a box with a 4 pixel #285782 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285782; -webkit-box-shadow:4px 4px  
4px 4px #285782; box-shadow:4px 4px 4px  
4px #285782 }
```

Background

The CSS property to change the background color of an element to Hex 285782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285782 }
```

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

```
.background{ background-color:#285782 }
```

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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