

Converting Colors

Hex(285685)

Have a look what the booklet for
Hex(285685) contains.

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Color

Hex(285685)

Conversions

Conversions Part 1

Format	Color
Hex	285685
RGB	40, 86, 133
RGB Percent	16%, 34%, 52%
CMY	0.8431, 0.6627, 0.4784
CMYK	0.70, 0.35, 0.00, 0.48
HSL	210°, 54%, 34%
HSV	210°, 70%, 52%
XYZ	8.4365, 8.8001, 23.4442
YIQ	77.6040, -42.5030, 4.8650

Conversions

Conversions Part 2

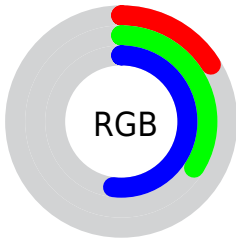
Format	Color
R_{YB}	40, 71, 133
Decimal	2643589
CIE _{Lab}	35.60, 0.64, -30.91
CIE _{LCh}	36, 30.920, 271.183
Yxy	8.8001, 0.2074, 0.2163
Android (android.graphics.Color)	4280833669 (0xFF285685)
YUV	77.6040, 27.3102, -32.9787
Hunter-Lab	29.6650, -1.1499, -26.0913

Details

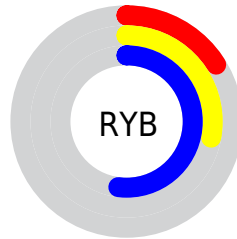
The Hex color **285685** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **855728**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6087BA**, and **002953** is the 20% darker color. If you saturate the color by 10%, you get **1B4F85**, and if you desaturate by 10%, it is **355D85**.

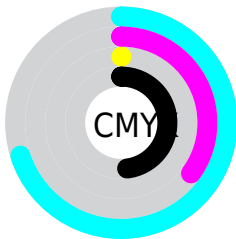
Distribution



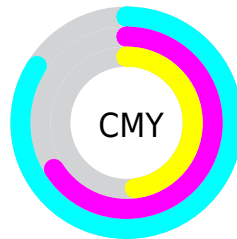
- Red (16%)
- Green (34%)
- Blue (52%)



- Red (16%)
- Yellow (28%)
- Blue (52%)



- Cyan (70%)
- Magenta (35%)
- Yellow (0%)
- Black (48%)



- Cyan (84%)
- Magenta (66%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285685 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 285685 by changing the saturation by 10% instead.

■ 285685

■ 285685

FFFFFF

■ 003F6C

■ 6087BA

■ 002953

■ 7CA2D6

■ 00153C

■ 97BDF3

■ 000226

■ B3D8FF

■ 00010E

■ D0F5FF

■ 000000

■ EDFFFF

■ 285685

■ 285685

■ 1B4F85

■ 355D85

■ 0D4985

■ 436385

■ 004285

■ 506A85

■ 5D7185

■ 6B7885

■ 787E85

■ 858585

■ 928C85

■ A09285

Harmonies

Analogous

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



005C7F



285685



574D7E

Triad

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



285685



81423B



275E3B

Complementary

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



285685



855728

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.



485A28



285685



754A29

Square

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



285685



813F54



615320



006054

Rectangle

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



285685



6B4673



615320



345D34

Sweetspot

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



285685



899BAD



288557



414C57



D6D6D6



575757

Same Dimension

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



285685



1C64AD



282885



3C3F42



004082



000103

Inverse Universe

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



852856



AD1C64



858528



423C3F



820040



030001

Previews

White Background



This preview shows how the Hex color 285685 looks on a white background.

Color Contrast Check

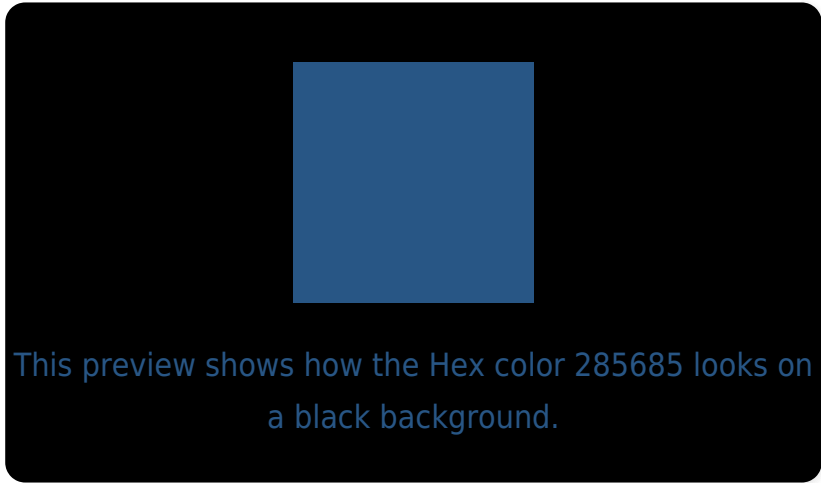
Large Text (above 18pt) WCAG AA ✓ Pass

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

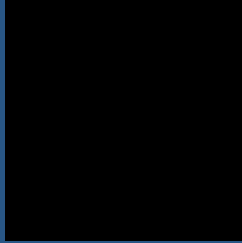
Any Text WCAG AA × Fail

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 285685 Background



This preview shows how black text looks on a background with the Hex color 285685.



This preview shows how white text looks on a background with the Hex color 285685.

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

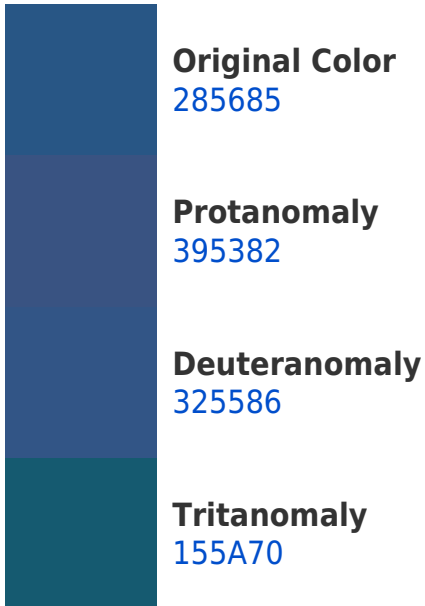


Original Color
285685

Protanopia
425281

Deuteranopia
375486

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 285685 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 #285685 looks like.

```
.text, #text, p{  
    color:#285685  
}
```

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 #285685 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285685
}
```

Border

The CSS property to change the border of an element to Hex 285685 is called "border". The border property can be set on classes, ids or directly on the HTML element.

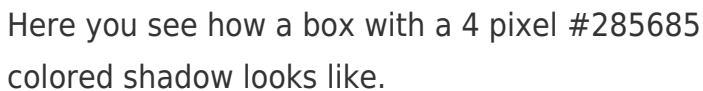
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#285685 }
```

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

```
.border{ border-color:#285685 }
```

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



Here you see how a box with a 4 pixel #285685 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285685; -webkit-box-shadow:4px 4px  
4px 4px #285685; box-shadow:4px 4px 4px  
4px #285685 }
```

Background

The CSS property to change the background color of an element to Hex 285685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285685 }
```

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

```
.background{ background-color:#285685 }
```

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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