

Converting Colors

Hex(285269)

Have a look what the booklet for
Hex(285269) contains.

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Color

Hex(285269)

Conversions

Conversions Part 1

Format	Color
Hex	285269
RGB	40, 82, 105
RGB Percent	16%, 32%, 41%
CMY	0.8431, 0.6784, 0.5882
CMYK	0.62, 0.22, 0.00, 0.59
HSL	201°, 45%, 28%
HSV	201°, 62%, 41%
XYZ	6.4422, 7.5056, 14.4738
YIQ	72.0640, -32.4150, -1.7510

Conversions

Conversions Part 2

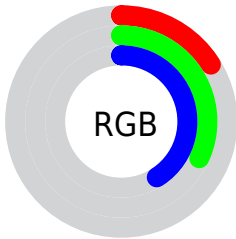
Format	Color
RYB	40, 66, 105
Decimal	2642537
CIELab	32.93, -7.05, -17.71
CIElCh	33, 19.059, 248.291
Yxy	7.5056, 0.2267, 0.2641
Android (android.graphics.Color)	4280832617 (0xFF285269)
YUV	72.0640, 16.2374, -28.1201
Hunter-Lab	27.3964, -5.9700, -12.1460

Details

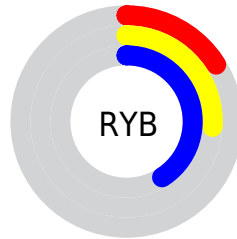
The Hex color **285269** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **693F28**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5C839C**, and **00253A** is the 20% darker color. If you saturate the color by 10%, you get **1E4E69**, and if you desaturate by 10%, it is **325669**.

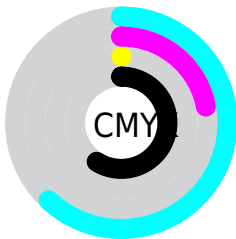
Distribution



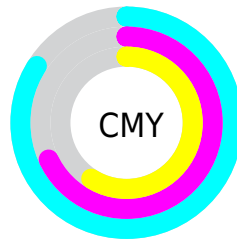
- Red (16%)
- Green (32%)
- Blue (41%)



- Red (16%)
- Yellow (26%)
- Blue (41%)



- Cyan (62%)
- Magenta (22%)
- Yellow (0%)
- Black (59%)



- Cyan (84%)
- Magenta (68%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285269 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 285269 by changing the saturation by 10% instead.

■ 285269

■ 285269

FFFFFF

■ 093B51

■ 5C839C

■ 00253A

■ 769DB7

■ 001124

■ 90B8D3

■ 00010D

■ ACD4EF

■ 000000

■ C8F0FF

■ E4FFFF

■ 285269

■ 285269

■ 1E4E69

■ 325669

■ 134B69

■ 3D5969

■ 094769

■ 485D69

■ 004469

■ 526169

■ 5D6569

■ 676869

■ 726C69

■ 7C7069

■ 867369

Harmonies

Analogous

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



195560



285269



3F4D6B

Triad

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



285269



6B424A



435235

Complementary

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



285269



693F28

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.



544E2F



285269



69443C

Square

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



285269



644459



614932



315542

Rectangle

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



285269



4E4A68



614932



495133

Sweetspot

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



285269



70808A



28693F



353F45



C4C4C4



454545

Same Dimension

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



285269



24668A



283269



303436



004C75



009EF5

Inverse Universe

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



692852



8A2466



695F28



363034



75004C



F5009E

Previews

White Background



This preview shows how the Hex color 285269 looks on a white background.

Color Contrast Check

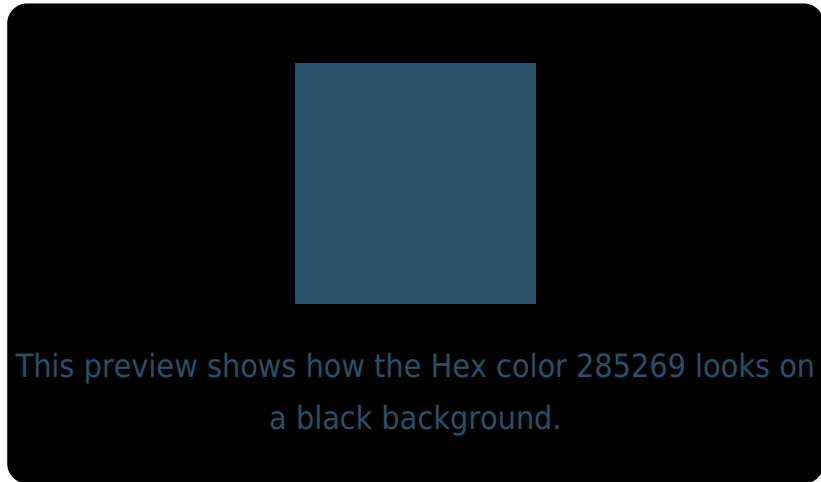
Large Text (above 18pt) WCAG AA ✓ Pass

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

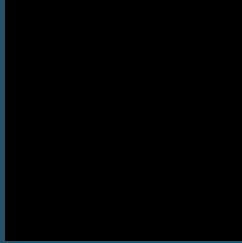
Any Text WCAG AA × Fail

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 285269 Background



This preview shows how black text looks on a background with the Hex color 285269.



This preview shows how white text looks on a background with the Hex color 285269.

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
285269

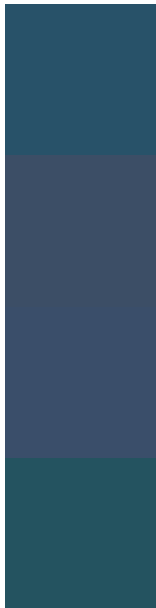
Protanopia
474C65

Deuteranopia
444C6A



Tritanopia
21545B

Trichromacy



Original Color
285269

Protanomaly
3C4E66

Deuteranomaly
3A4E6A

Tritanomaly
245360

Monochromacy



Original Color
285269

Achromatopsia
484848

Achromatomaly
3C4C54

CSS Examples

Text

The CSS property to change the color of the text to Hex 285269 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 #285269 looks like.

```
.text, #text, p{  
    color:#285269  
}
```

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 #285269 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285269
}
```

Border

The CSS property to change the border of an element to Hex 285269 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
#285269 }
```

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

```
.border{ border-color:#285269 }
```

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

Here you see how a box with a 4 pixel #285269 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285269; -webkit-box-shadow:4px 4px  
4px 4px #285269; box-shadow:4px 4px 4px  
4px #285269 }
```

Background

The CSS property to change the background color of an element to Hex 285269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285269 }
```

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

```
.background{ background-color:#285269 }
```

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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