

Converting Colors

Hex(285160)

Have a look what the booklet for
Hex(285160) contains.

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Color

Hex(285160)

Conversions

Conversions Part 1

Format	Color
Hex	285160
RGB	40, 81, 96
RGB Percent	16%, 32%, 38%
CMY	0.8431, 0.6824, 0.6235
CMYK	0.58, 0.16, 0.00, 0.62
HSL	196°, 41%, 27%
HSV	196°, 58%, 38%
XYZ	5.9288, 7.1805, 12.1398
YIQ	70.4510, -29.2510, -4.0270

Conversions

Conversions Part 2

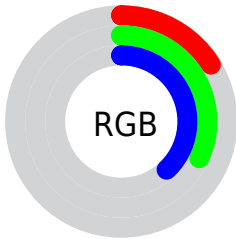
Format	Color
R_{YB}	40, 64, 96
Decimal	2642272
CIE _{Lab}	32.21, -9.52, -13.13
CIE _{LCh}	32, 16.223, 234.047
Yxy	7.1805, 0.2348, 0.2844
Android (android.graphics.Color)	4280832352 (0xFF285160)
YUV	70.4510, 12.5957, -26.7055
Hunter-Lab	26.7965, -7.4000, -8.1031

Details

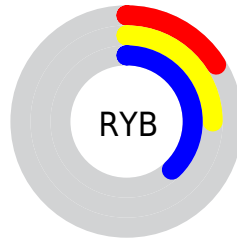
The Hex color **285160** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **603728**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5A8293**, and **002432** is the 20% darker color. If you saturate the color by 10%, you get **1E4E60**, and if you desaturate by 10%, it is **325460**.

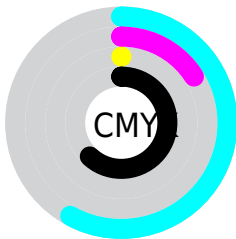
Distribution



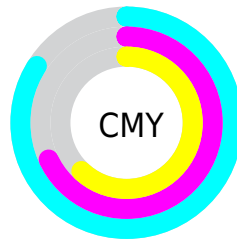
- Red (16%)
- Green (32%)
- Blue (38%)



- Red (16%)
- Yellow (25%)
- Blue (38%)



- Cyan (58%)
- Magenta (16%)
- Yellow (0%)
- Black (62%)



- Cyan (84%)
- Magenta (68%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285160 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 285160 by changing the saturation by 10% instead.

■ 285160

■ 285160

FFFFFF

■ 0C3A48

■ 5A8293

■ 002432

■ 749CAD

■ 00101D

■ 8FB7C8

■ 000000

■ AAD3E5

■ C6EFFF

■ E2FFFF

■ 285160

■ 285160

■ 1E4E60

■ 325460

■ 154C60

■ 3B5660

■ 0B4960

■ 455960

■ 024760

■ 4E5B60

■ 004660

■ 585E60

■ 626060

■ 6B6360

■ 756660

■ 7E6860

Harmonies

Analogous

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



245356



285160



384E65

Triad

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



285160



63434F



4A4E34

Complementary

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



285160



603728

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.



574A33



285160



654342

Square

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



285160



5A455B



614638



3B513C

Rectangle

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



285160



444B64



614638



4F4D33

Sweetspot

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



285160



66777D



286037



323C40



BFBFBF



404040

Same Dimension

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



285160



25667D



283560



2C2F30



005270



00AFF0

Inverse Universe

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



602851



7D2566



605328



302C2F



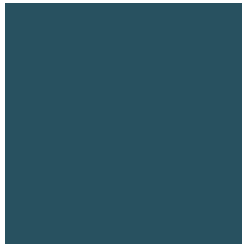
700052



F000AF

Previews

White Background



This preview shows how the Hex color 285160 looks on a white background.

Color Contrast Check

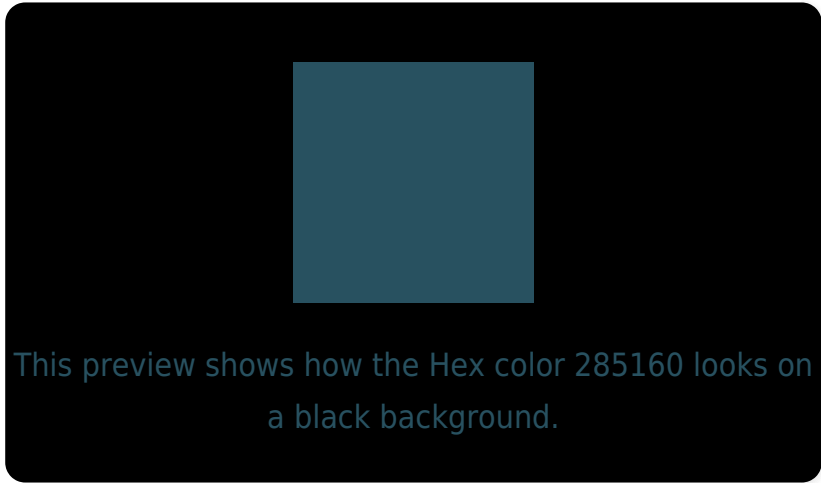
Large Text (above 18pt) WCAG AA ✓ Pass

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

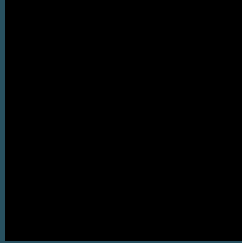
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

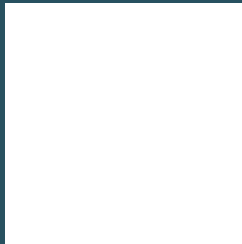
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 285160 Background



This preview shows how black text looks on a background with the Hex color 285160.



This preview shows how white text looks on a background with the Hex color 285160.

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
285160

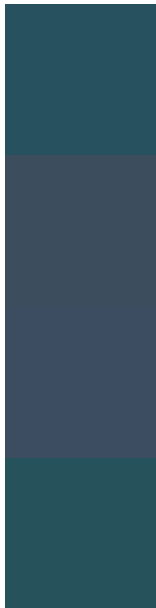
Protanopia
484B5C

Deuteranopia
474A61



Tritanopia
255259

Trichromacy



Original Color
285160

Protanomaly
3C4D5D

Deuteranomaly
3C4D61

Tritanomaly
26525C

Monochromacy



Original Color
285160

Achromatopsia
464646

Achromatomaly
3B4A4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 285160 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 #285160 looks like.

```
.text, #text, p{  
    color:#285160  
}
```

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 #285160 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285160  
}
```

Border

The CSS property to change the border of an element to Hex 285160 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  
#285160 }
```

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

```
.border{ border-color:#285160 }
```

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

Here you see how a box with a 4 pixel #285160 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285160; -webkit-box-shadow:4px 4px  
4px 4px #285160; box-shadow:4px 4px 4px  
4px #285160 }
```

Background

The CSS property to change the background color of an element to Hex 285160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285160 }
```

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

```
.background{ background-color:#285160 }
```

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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