

Converting Colors

Hex(285153)

Have a look what the booklet for
Hex(285153) contains.

Hex(285153)	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(285153)

Conversions

Conversions Part 1

Format	Color
Hex	285153
RGB	40, 81, 83
RGB Percent	16%, 32%, 33%
CMY	0.8431, 0.6824, 0.6745
CMYK	0.52, 0.02, 0.00, 0.67
HSL	183°, 35%, 24%
HSV	183°, 52%, 33%
XYZ	5.3788, 6.9605, 9.2436
YIQ	68.9690, -25.0780, -8.0700

Conversions

Conversions Part 2

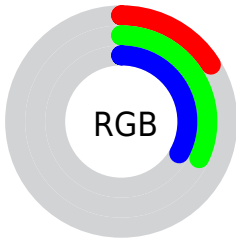
Format	Color
RYB	40, 61, 83
Decimal	2642259
CIELab	31.72, -13.71, -5.63
CIELCh	32, 14.823, 202.323
Yxy	6.9605, 0.2492, 0.3225
Android (android.graphics.Color)	4280832339 (0xFF285153)
YUV	68.9690, 6.9173, -25.4058
Hunter-Lab	26.3828, -9.7779, -2.3053




Details

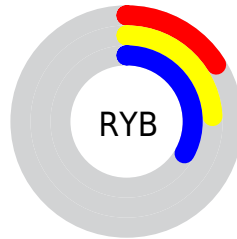
The Hex color **285153** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **532A28**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **598284**, and **002426** is the 20% darker color. If you saturate the color by 10%, you get **205153**, and if you desaturate by 10%, it is **305153**.

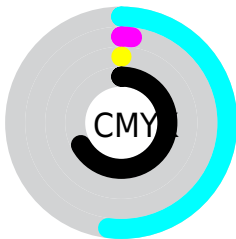
Distribution







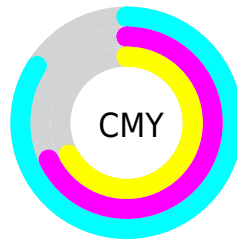
-  Red (16%)
-  Green (32%)
-  Blue (33%)






-  Red (16%)
-  Yellow (24%)
-  Blue (33%)



-  Cyan (52%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (84%)
-  Magenta (68%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 285153 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 285153 by changing the saturation by 10% instead.

 285153

 285153

FFFFFF

 0E3A3C

 598284

 002426

 739D9E

 000C12

 8DB8B9

 000000

 A8D3D5

 C3F0F1

 E0FFFF

 F0FFFF

 285153

 285153

■ 205153

■ 305153

■ 175053

■ 395253

■ 0F5053

■ 415253

■ 074F53

■ 495353

■ 004F53

■ 525353

■ 5A5353

■ 625453

■ 6A5453

■ 735453

Harmonies

Analogous

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



305147



285153



2B505D

Triad

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



285153



574559



564934

Complementary

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



285153



532A28

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.



5E4539



285153



60424E

Square

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



285153



484960



624342



4A4D35

Rectangle

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



285153



334E60



624342



594835

Sweetspot

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



285153



5A6A6B



285329



2B3536



B5B5B5



363636

Same Dimension

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



285153



29686B



283C53



252929



006469



00DDE8

Inverse Universe

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



532851



6B2968



533F28



292529



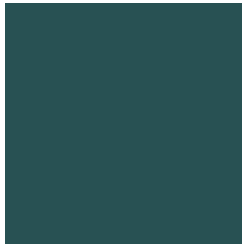
690064



E800DD

Previews

White Background



This preview shows how the Hex color 285153 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

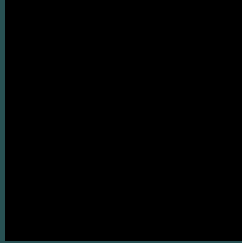
Any Text WCAG AA × Fail

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 285153 Background



This preview shows how black text looks on a background with the Hex color 285153.



This preview shows how white text looks on a background with the Hex color 285153.

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
285153

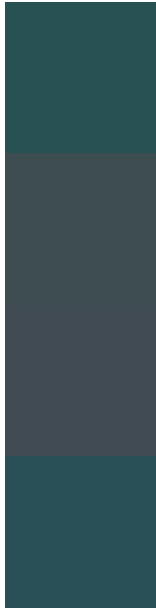
Protanopia
4A4A4F

Deuteranopia
4D4855



Tritanopia
295057

Trichromacy



Original Color
285153

Protanomaly
3E4D50

Deuteranomaly
404B54

Tritanomaly
295056

Monochromacy



Original Color
285153

Achromatopsia
454545

Achromatomaly
3A494A

CSS Examples

Text

The CSS property to change the color of the text to Hex 285153 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 #285153 looks like.

```
.text, #text, p{  
    color:#285153  
}
```

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 #285153 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285153
}
```

Border

The CSS property to change the border of an element to Hex 285153 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
#285153 }
```

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

```
.border{ border-color:#285153 }
```

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

Here you see how a box with a 4 pixel #285153 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285153; -webkit-box-shadow:4px 4px  
4px 4px #285153; box-shadow:4px 4px 4px  
4px #285153 }
```

Background

The CSS property to change the background color of an element to Hex 285153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285153 }
```

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

```
.background{ background-color:#285153 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor