

Converting Colors

Hex(283B53)

Have a look what the booklet for
Hex(283B53) contains.

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Color

Hex(283B53)

Conversions

Conversions Part 1

Format	Color
Hex	283B53
RGB	40, 59, 83
RGB Percent	16%, 23%, 33%
CMY	0.8431, 0.7686, 0.6745
CMYK	0.52, 0.29, 0.00, 0.67
HSL	213°, 35%, 24%
HSV	213°, 52%, 33%
XYZ	4.0004, 4.2036, 8.7841
YIQ	56.0550, -19.0280, 3.4360

Conversions

Conversions Part 2

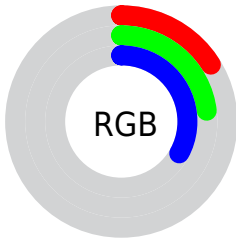
Format	Color
R_{YB}	40, 53, 83
Decimal	2636627
CIE Lab	24.33, 0.07, -16.88
CIE LCh	24, 16.879, 270.246
Yxy	4.2036, 0.2355, 0.2474
Android (android.graphics.Color)	4280826707 (0xFF283B53)
YUV	56.0550, 13.2839, -14.0802
Hunter-Lab	20.5026, -1.0516, -11.0504

Details

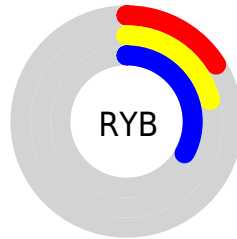
The Hex color **283B53** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **534028**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **586A85**, and **001026** is the 20% darker color. If you saturate the color by 10%, you get **203653**, and if you desaturate by 10%, it is **304053**.

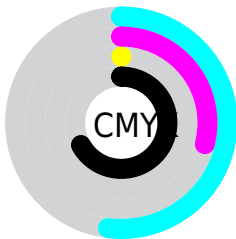
Distribution



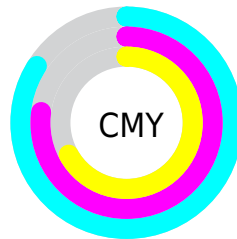
- Red (16%)
- Green (23%)
- Blue (33%)



- Red (16%)
- Yellow (21%)
- Blue (33%)



- Cyan (52%)
- Magenta (29%)
- Yellow (0%)
- Black (67%)



- Cyan (84%)
- Magenta (77%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283B53 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 283B53 by changing the saturation by 10% instead.

■ 283B53

■ 283B53

FFFFFF

■ 10253C

■ 586A85

■ 001026

■ 71839F

■ 000110

■ 8B9DBA

■ 000000

■ A6B8D5

■ C1D4F2

■ DDF0FF

■ FAFFFF

■ 283B53

■ 283B53

■ 203653

■ 304053

■ 173253

■ 394453

■ 0F2D53

■ 414953

■ 072853

■ 494E53

■ 002553

■ 525253

■ 5A5753

■ 625B53

■ 6A6053

■ 736553

Harmonies

Analogous

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



133E50



283B53



3B3650

Triad

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



283B53



52312E



263F2D

Complementary

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



283B53



534028

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.



353D23



283B53



4D3524

Square

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



283B53



52303A



423920



164139

Rectangle

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



283B53



46344A



423920



2B3F29

Sweetspot

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



283B53



5A626B



285340



2B3036



B5B5B5



363636

Same Dimension

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



283B53



29466B



2A2853



252729



002E69



0067E8

Inverse Universe

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



53283B



6B2946



515328



292527



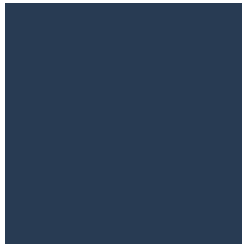
69002E



E80067

Previews

White Background



This preview shows how the Hex color 283B53 looks on a white background.

Color Contrast Check

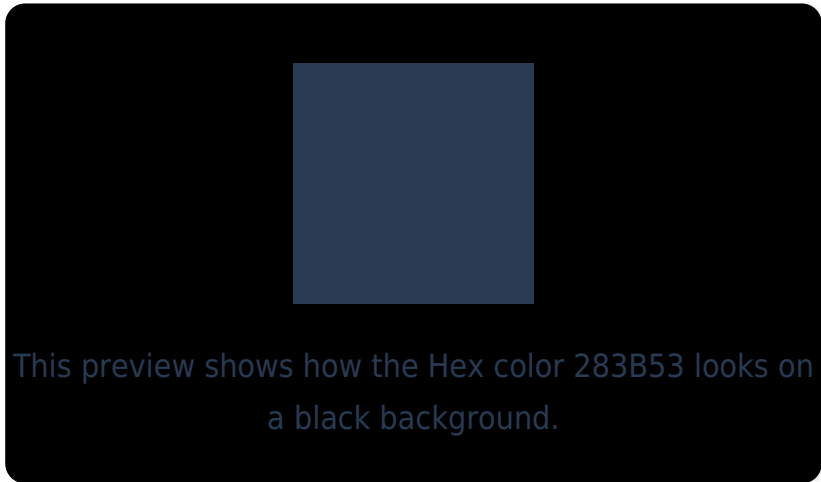
Large Text (above 18pt) WCAG AA ✓ Pass

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

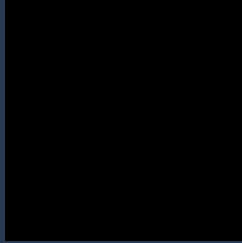
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

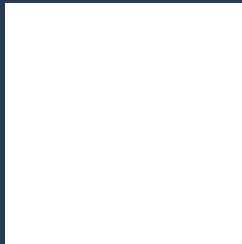
Any Text WCAG AAA × Fail

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

Hex 283B53 Background



This preview shows how black text looks on a background with the Hex color 283B53.



This preview shows how white text looks on a background with the Hex color 283B53.

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](#).

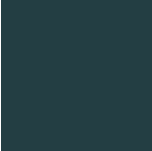
Dichromacy



Original Color
283B53

Protanopia
323951

Deuteranopia
303953



Tritanopia
233E43

Trichromacy



Original Color
283B53

Protanomaly
2E3A52

Deuteranomaly
2D3A53

Tritanomaly
253D49

Monochromacy



Original Color
283B53

Achromatopsia
383838

Achromatomaly
323942

CSS Examples

Text

The CSS property to change the color of the text to Hex 283B53 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 #283B53 looks like.

```
.text, #text, p{  
    color:#283B53  
}
```

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 #283B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283B53
}
```

Border

The CSS property to change the border of an element to Hex 283B53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

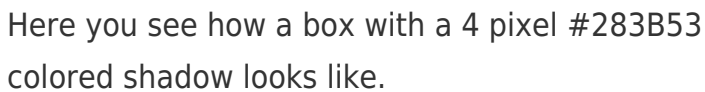
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#283B53 }
```

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

```
.border{ border-color:#283B53 }
```

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



Here you see how a box with a 4 pixel #283B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283B53; -webkit-box-shadow:4px 4px  
4px 4px #283B53; box-shadow:4px 4px 4px  
4px #283B53 }
```

Background

The CSS property to change the background color of an element to Hex 283B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283B53 }
```

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

```
.background{ background-color:#283B53 }
```

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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