

Converting Colors

Hex(283659)

Have a look what the booklet for
Hex(283659) contains.

Hex(283659)	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(283659)

Conversions

Conversions Part 1

Format	Color
Hex	283659
RGB	40, 54, 89
RGB Percent	16%, 21%, 35%
CMY	0.8431, 0.7882, 0.6510
CMYK	0.55, 0.39, 0.00, 0.65
HSL	223°, 38%, 25%
HSV	223°, 55%, 35%
XYZ	3.9974, 3.8107, 9.9760
YIQ	53.8040, -19.5790, 7.9170

Conversions

Conversions Part 2

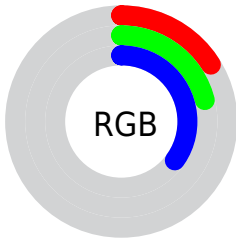
Format	Color
R_{YB}	40, 51, 89
Decimal	2635353
CIE _{Lab}	23.04, 5.62, -22.86
CIE _{LCh}	23, 23.542, 283.820
Yxy	3.8107, 0.2248, 0.2143
Android (android.graphics.Color)	4280825433 (0xFF283659)
YUV	53.8040, 17.3516, -12.1061
Hunter-Lab	19.5211, 2.3903, -16.6348

Details

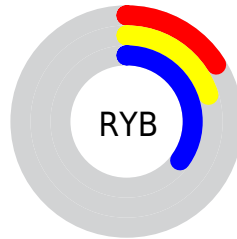
The Hex color **283659** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **594B28**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **59648B**, and **00092B** is the 20% darker color. If you saturate the color by 10%, you get **1F3059**, and if you desaturate by 10%, it is **313C59**.

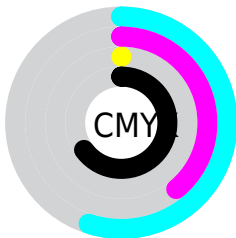
Distribution



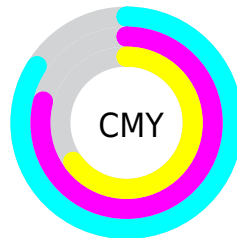
- Red (16%)
- Green (21%)
- Blue (35%)



- Red (16%)
- Yellow (20%)
- Blue (35%)



- Cyan (55%)
- Magenta (39%)
- Yellow (0%)
- Black (65%)



- Cyan (84%)
- Magenta (79%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283659 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 283659 by changing the saturation by 10% instead.

■ 283659

■ 283659

FFFFFF

■ 0F2141

■ 59648B

■ 00092B

■ 727DA6

■ 000116

■ 8C97C1

■ 000000

■ A7B2DD

■ C3CDF9

■ DFE9FF

■ FCFFFF

■ 283659

■ 283659

■ 1F3059

■ 313C59

■ 162959

■ 3A4359

■ 0D2359

■ 434959

■ 041D59

■ 4C4F59

■ 001959

■ 555659

■ 5D5C59

■ 666259

■ 6F6959

■ 786F59

Harmonies

Analogous

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



003B58



283659



432F50

Triad

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



283659



542C1F



083F2D

Complementary

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



283659



594B28

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.



263D1D



283659



493315

Square

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



283659



58282F



393913



00403F

Rectangle

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



283659



4E2B47



393913



153F27

Sweetspot

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



283659



5F6573



28594A



2F323B



BABABA



3B3B3B

Same Dimension

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



283659



273D73



322859



27282B



001F6B



0043EB

Inverse Universe

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



592836



73273D



4F5928



2B2728



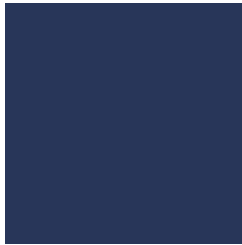
6B001F



EB0043

Previews

White Background



This preview shows how the Hex color 283659 looks on a white background.

Color Contrast Check

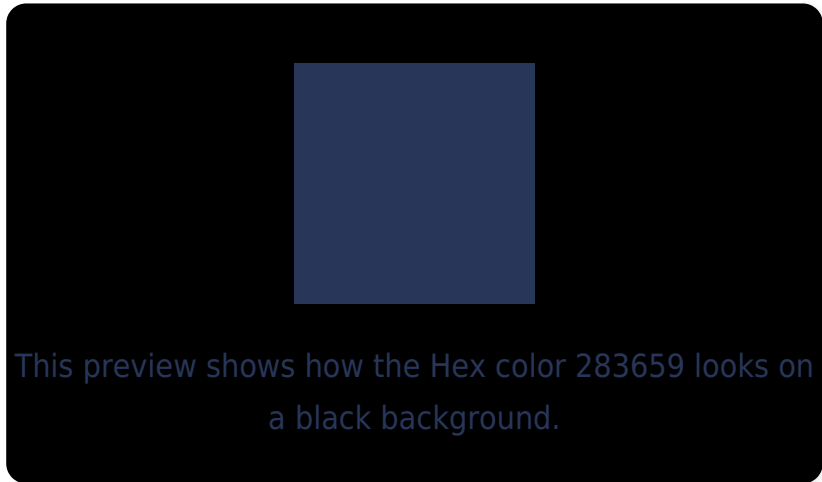
Large Text (above 18pt) WCAG AA ✓ Pass

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

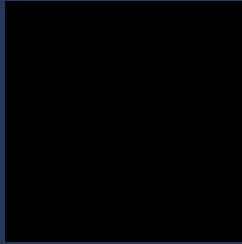
Any Text WCAG AA × Fail

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 283659 Background



This preview shows how black text looks on a background with the Hex color 283659.



This preview shows how white text looks on a background with the Hex color 283659.

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
283659

Protanopia
293659

Deuteranopia
233759



Tritanopia
1F3B40

Trichromacy



Original Color
283659

Protanomaly
293659

Deuteranomaly
253759

Tritanomaly
223949

Monochromacy



Original Color
283659

Achromatopsia
363636

Achromatomaly
313643

CSS Examples

Text

The CSS property to change the color of the text to Hex 283659 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 #283659 looks like.

```
.text, #text, p{  
    color:#283659  
}
```

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 #283659 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283659
}
```

Border

The CSS property to change the border of an element to Hex 283659 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
#283659 }
```

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

```
.border{ border-color:#283659 }
```

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

Here you see how a box with a 4 pixel #283659 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283659; -webkit-box-shadow:4px 4px  
4px 4px #283659; box-shadow:4px 4px 4px  
4px #283659 }
```

Background

The CSS property to change the background color of an element to Hex 283659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283659 }
```

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

```
.background{ background-color:#283659 }
```

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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