

Converting Colors

Hex(284363)

Have a look what the booklet for
Hex(284363) contains.

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Color

Hex(284363)

Conversions

Conversions Part 1

Format	Color
Hex	284363
RGB	40, 67, 99
RGB Percent	16%, 26%, 39%
CMY	0.8431, 0.7373, 0.6118
CMYK	0.60, 0.32, 0.00, 0.61
HSL	213°, 42%, 27%
HSV	213°, 60%, 39%
XYZ	5.1344, 5.3663, 12.5696
YIQ	62.5750, -26.3640, 4.2280

Conversions

Conversions Part 2

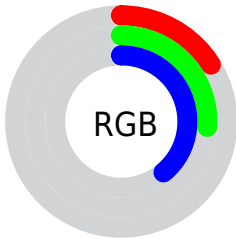
Format	Color
R_{YB}	40, 59, 99
Decimal	2638691
CIE _{Lab}	27.75, 0.42, -21.95
CIE _{LCh}	28, 21.949, 271.087
Yxy	5.3663, 0.2226, 0.2326
Android (android.graphics.Color)	4280828771 (0xFF284363)
YUV	62.5750, 17.9575, -19.7983
Hunter-Lab	23.1652, -0.9763, -15.9554

Details

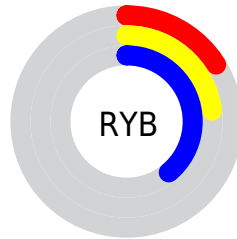
The Hex color **284363** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **634828**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5A7396**, and **001934** is the 20% darker color. If you saturate the color by 10%, you get **1E3E63**, and if you desaturate by 10%, it is **324863**.

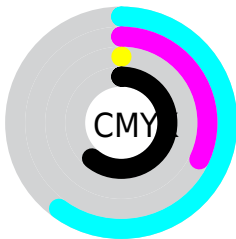
Distribution



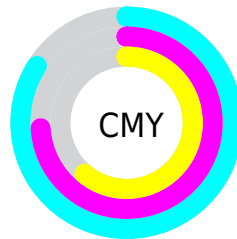
- Red (16%)
- Green (26%)
- Blue (39%)



- Red (16%)
- Yellow (23%)
- Blue (39%)



- Cyan (60%)
- Magenta (32%)
- Yellow (0%)
- Black (61%)



- Cyan (84%)
- Magenta (74%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 284363 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 284363 by changing the saturation by 10% instead.

■ 284363

■ 284363

FFFFFF

■ 0C2D4B

■ 5A7396

■ 001934

■ 748CB1

■ 00021F

■ 8EA7CC

■ 000002

■ AAC2E8

■ 000000

■ C5DEFF

■ E2FAFF

■ 284363

■ 284363

■ 1E3E63

■ 324863

■ 143863

■ 3C4E63

■ 0A3363

■ 465363

■ 002E63

■ 505863

■ 002D63

■ 5A5E63

■ 636363

■ 6D6963

■ 776E63

■ 817363

Harmonies

Analogous

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



00485F



284363



443D5E

Triad

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



284363



613631



254931

Complementary

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



284363



634828

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.



3A4624



284363



593B24

Square

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



284363



613442



4C411F



064A42

Rectangle

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



284363



523957



4C411F



2D482C

Sweetspot

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



284363



697380



286347



323840



BFBFBF



404040

Same Dimension

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



284363



244E80



2A2863



2C2E30



003370



006EF0

Inverse Universe

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



632843



80244E



616328



302C2E



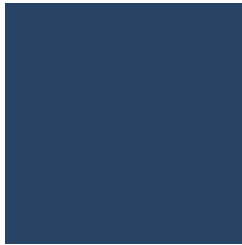
700033



F0006E

Previews

White Background



This preview shows how the Hex color 284363 looks on a white background.

Color Contrast Check

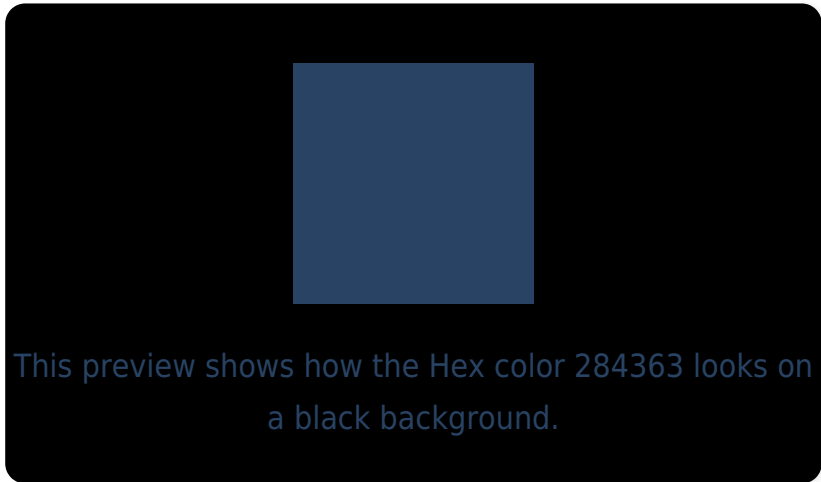
Large Text (above 18pt) WCAG AA ✓ Pass

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

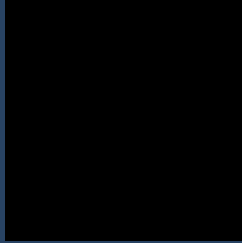
Any Text WCAG AA × Fail

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 284363 Background



This preview shows how black text looks on a background with the Hex color 284363.

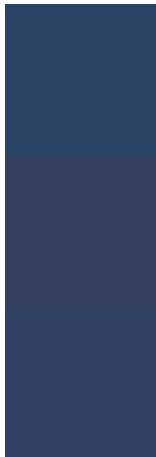


This preview shows how white text looks on a background with the Hex color 284363.

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
284363

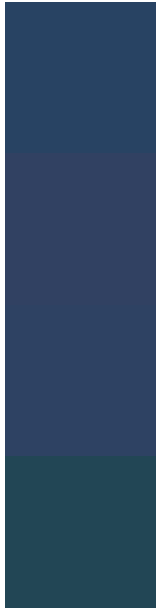
Protanopia
364061

Deuteranopia
314163



Tritanopia
1E474D

Trichromacy



Original Color
284363

Protanomaly
314162

Deuteranomaly
2E4263

Tritanomaly
224655

Monochromacy



Original Color
284363

Achromatopsia
3F3F3F

Achromatomaly
37404C

CSS Examples

Text

The CSS property to change the color of the text to Hex 284363 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 #284363 looks like.

```
.text, #text, p{  
    color:#284363  
}
```

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 #284363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284363
}
```

Border

The CSS property to change the border of an element to Hex 284363 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
#284363 }
```

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

```
.border{ border-color:#284363 }
```

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

Here you see how a box with a 4 pixel #284363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284363; -webkit-box-shadow:4px 4px  
4px 4px #284363; box-shadow:4px 4px 4px  
4px #284363 }
```

Background

The CSS property to change the background color of an element to Hex 284363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284363 }
```

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

```
.background{ background-color:#284363 }
```

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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