

Converting Colors

Hex(283463)

Have a look what the booklet for
Hex(283463) contains.

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Color

Hex(283463)

Conversions

Conversions Part 1

Format	Color
Hex	283463
RGB	40, 52, 99
RGB Percent	16%, 20%, 39%
CMY	0.8431, 0.7961, 0.6118
CMYK	0.60, 0.47, 0.00, 0.61
HSL	228°, 42%, 27%
HSV	228°, 60%, 39%
XYZ	4.3552, 3.8080, 12.3098
YIQ	53.7700, -22.2390, 12.0730

Conversions

Conversions Part 2

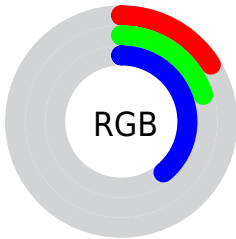
Format	Color
R_{YB}	40, 50, 99
Decimal	2634851
CIE Lab	23.03, 10.70, -29.42
CIE LCh	23, 31.308, 289.993
Yxy	3.8080, 0.2127, 0.1860
Android (android.graphics.Color)	4280824931 (0xFF283463)
YUV	53.7700, 22.2984, -12.0763
Hunter-Lab	19.5140, 5.6888, -23.7417




Details

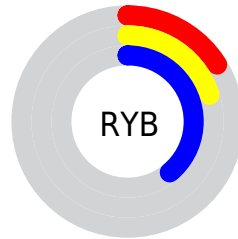
The Hex color **283463** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **635728**, and the grayscale version is **363636**.


A 20% lighter version of the original color is **5B6296**, and **000734** is the 20% darker color. If you saturate the color by 10%, you get **1E2C63**, and if you desaturate by 10%, it is **323C63**.

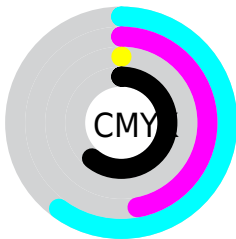
Distribution







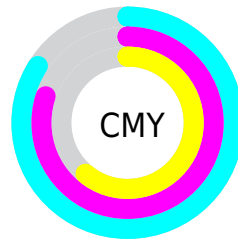
-  Red (16%)
-  Green (20%)
-  Blue (39%)






-  Red (16%)
-  Yellow (20%)
-  Blue (39%)



-  Cyan (60%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (84%)
-  Magenta (80%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283463 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 283463 by changing the saturation by 10% instead.

■ 283463

■ 283463

FFFFFF

■ 0C1F4B

■ 5B6296

■ 000734

■ 747BB1

■ 00021E

■ 8F95CD

■ 000000

■ AAAFE9

■ C6CBFF

■ E2E7FF

■ 283463

■ 283463

■ 1E2C63

■ 323C63

■ 142463

■ 3C4463

■ 0A1C63

■ 464C63

■ 001463

■ 505463

■ 5A5B63

■ 636363

■ 6D6B63

■ 777363

■ 817B63

Harmonies

Analogous

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



003C65



283463



4B2A55

Triad

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



283463



592A13



00412E

Complementary

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



283463



635728

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.



163F17



283463



493303

Square

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



283463



612128



343A05



004246

Rectangle

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



283463



592447



343A05



004126

Sweetspot

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



283463



696D80



286356



323540



BFBFBF



404040

Same Dimension

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



283463



243680



392863



2C2D30



001770



0031F0

Inverse Universe

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



632834



802436



526328



302C2D



700017



F00031

Previews

White Background



This preview shows how the Hex color 283463 looks on a white background.

Color Contrast Check

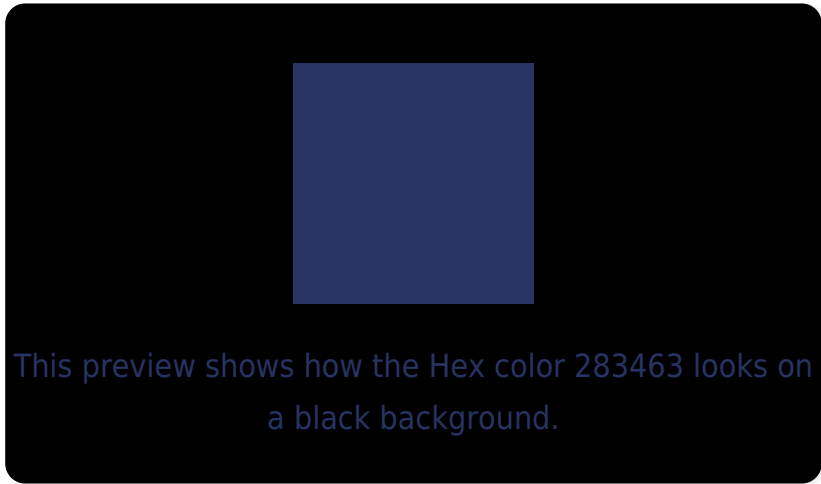
Large Text (above 18pt) WCAG AA ✓ Pass

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

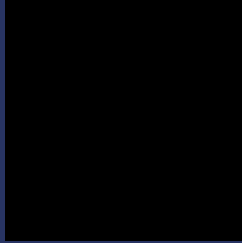
Any Text WCAG AA × Fail

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 283463 Background



This preview shows how black text looks on a background with the Hex color 283463.



This preview shows how white text looks on a background with the Hex color 283463.

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
283463

Protanopia
1F3564

Deuteranopia
0D3862



Tritanopia
193C41

Trichromacy



Original Color
283463

Protanomaly
223564

Deuteranomaly
173762

Tritanomaly
1E394D

Monochromacy



Original Color
283463

Achromatopsia
363636

Achromatomaly
313546

CSS Examples

Text

The CSS property to change the color of the text to Hex 283463 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 #283463 looks like.

```
.text, #text, p{  
    color:#283463  
}
```

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 #283463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283463
}
```

Border

The CSS property to change the border of an element to Hex 283463 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".

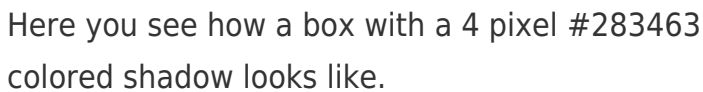
```
.border, #border, table{ border:4px solid
#283463 }
```

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

```
.border{ border-color:#283463 }
```

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

Here you see how a box with a 4 pixel #283463 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283463; -webkit-box-shadow:4px 4px  
4px 4px #283463; box-shadow:4px 4px 4px  
4px #283463 }
```

Background

The CSS property to change the background color of an element to Hex 283463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283463 }
```

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

```
.background{ background-color:#283463 }
```

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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