

# Converting Colors

Hex(283354)

Have a look what the booklet for  
Hex(283354) contains.

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# Color

**Hex(283354)**

# Conversions

## Conversions Part 1

Format	Color
Hex	283354
RGB	40, 51, 84
RGB Percent	16%, 20%, 33%
CMY	0.8431, 0.8000, 0.6706
CMYK	0.52, 0.39, 0.00, 0.67
HSL	225°, 35%, 24%
HSV	225°, 52%, 33%
XYZ	3.6591, 3.4589, 8.8623
YIQ	51.4730, -17.1490, 7.9310

# Conversions

## Conversions Part 2

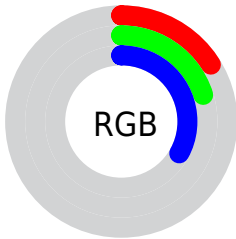
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 49, 84
Decimal	2634580
CIE <sub>Lab</sub>	21.80, 5.92, -21.51
CIE <sub>LCh</sub>	22, 22.310, 285.388
Yxy	3.4589, 0.2290, 0.2164
Android (android.graphics.Color)	4280824660 (0xFF283354)
<b>YUV</b>	51.4730, 16.0358, -10.0618
Hunter-Lab	18.5980, 2.5731, -15.2341

# Details

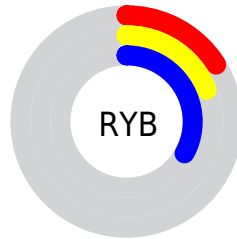
The Hex color **283354** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **544928**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **586186**, and **000427** is the 20% darker color. If you saturate the color by 10%, you get **202D54**, and if you desaturate by 10%, it is **303954**.

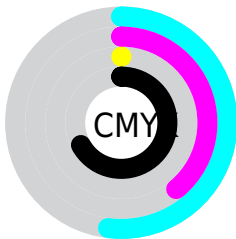
# Distribution



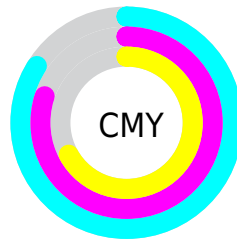
- Red (16%)
- Green (20%)
- Blue (33%)



- Red (16%)
- Yellow (19%)
- Blue (33%)



- Cyan (52%)
- Magenta (39%)
- Yellow (0%)
- Black (67%)



- Cyan (84%)
- Magenta (80%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 283354 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 283354 by changing the saturation by 10% instead.





283354



283354

FFFFFF



101E3D



586186



000427



717AA0



000111



8B94BB



000000



A6AED7



C2CAF3



DEE6FF



FBFFFF



283354



283354

■ 202D54

■ 303954

■ 172654

■ 394054

■ 0F2054

■ 414654

■ 061A54

■ 4A4C54

■ 001554

■ 525254

■ 5A5954

■ 635F54

■ 6B6554

■ 746C54

# Harmonies

## Analogous

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



003854



283354



402D4C

# Triad

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



283354



4F2A1D



073C2B

# Complementary

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



283354



544928

# 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.



233A1C



283354



453014

# Square

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



283354



53272C



363613



003D3C

# Rectangle

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



283354



4B2942



363613



133C26



# Sweetspot

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



283354



5C606E



285449



2D3038



B8B8B8



383838



# Same Dimension

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



283354



293A6E



332854



252629



001A69



003AE8



# Inverse Universe

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



542833



6E293A



495428



292526



69001A



E8003A



# Previews

## White Background



This preview shows how the Hex color 283354 looks on a white background.

## Color Contrast Check

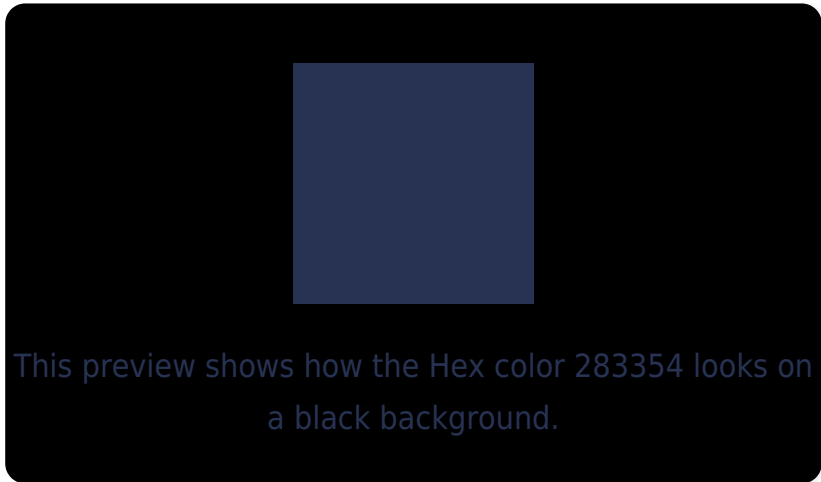
Large Text (above 18pt) WCAG AA ✓ Pass

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

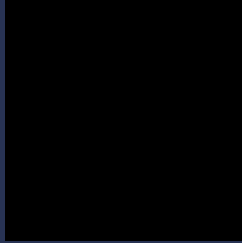
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 283354 Background



This preview shows how black text looks on a background with the Hex color 283354.



This preview shows how white text looks on a background with the Hex color 283354.

# 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



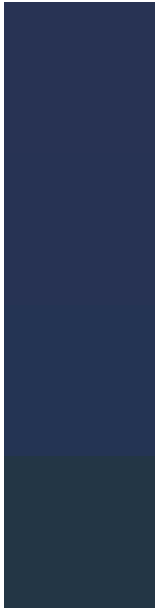
**Original Color**  
283354

**Protanopia**  
273354

**Deuteranopia**  
223454



# Trichromacy



**Original Color**  
283354

**Protanomaly**  
273354

**Deuteranomaly**  
243454

**Tritanomaly**  
233645

# Monochromacy



**Original Color**  
283354

**Achromatopsia**  
333333

**Achromatomaly**  
2F333F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 283354 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 #283354 looks like.

```
.text, #text, p{  
    color:#283354  
}
```

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 #283354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283354
}
```

## Border

The CSS property to change the border of an element to Hex 283354 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
#283354 }
```

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

```
.border{ border-color:#283354 }
```

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

Here you see how a box with a 4 pixel #283354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283354; -webkit-box-shadow:4px 4px  
4px 4px #283354; box-shadow:4px 4px 4px  
4px #283354 }
```

# Background

The CSS property to change the background color of an element to Hex 283354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283354 }
```

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

```
.background{ background-color:#283354 }
```

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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