

Converting Colors

Hex(263F80)

Have a look what the booklet for
Hex(263F80) contains.

Hex(263F80)	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(263F80)

Conversions

Conversions Part 1

Format	Color
Hex	263F80
RGB	38, 63, 128
RGB Percent	15%, 25%, 50%
CMY	0.8510, 0.7529, 0.4980
CMYK	0.70, 0.51, 0.00, 0.50
HSL	223°, 54%, 33%
HSV	223°, 70%, 50%
XYZ	6.4731, 5.5256, 21.1475
YIQ	62.9350, -35.7650, 14.9150

Conversions

Conversions Part 2

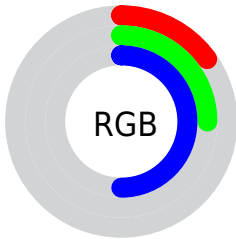
Format	Color
R_{YB}	38, 58, 128
Decimal	2506624
CIE _{Lab}	28.18, 13.74, -39.65
CIE _{LCh}	28, 41.961, 289.121
Yxy	5.5256, 0.1953, 0.1667
Android (android.graphics.Color)	4280696704 (0xFF263F80)
YUV	62.9350, 32.0770, -21.8680
Hunter-Lab	23.5066, 8.0178, -36.8850

Details

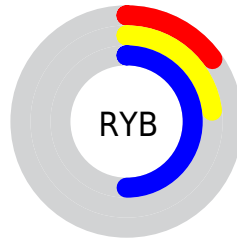
The Hex color **263F80** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **806726**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5E6EB5**, and **00164E** is the 20% darker color. If you saturate the color by 10%, you get **193680**, and if you desaturate by 10%, it is **334880**.

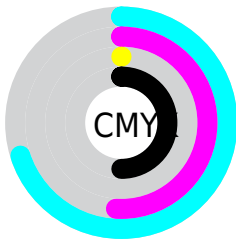
Distribution



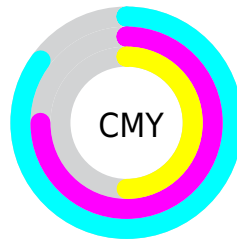
- Red (15%)
- Green (25%)
- Blue (50%)



- Red (15%)
- Yellow (23%)
- Blue (50%)



- Cyan (70%)
- Magenta (51%)
- Yellow (0%)
- Black (50%)



- Cyan (85%)
- Magenta (75%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 263F80 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 263F80 by changing the saturation by 10% instead.

■ 263F80

■ 263F80

FFFFFF

■ 002967

■ 5E6EB5

■ 00164E

■ 7987D1

■ 000037

■ 95A2EE

■ 000220

■ B1BDFF

■ 000005

■ CDD8FF

■ 000000

■ EAF5FF

■ 263F80

■ 263F80

■ 193680

■ 334880

■ 0C2D80

■ 405180

■ 002480

■ 4C5B80

■ 596480

■ 666D80

■ 737680

■ 808080

■ 8C8980

■ 999280

Harmonies

Analogous

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



004A82



263F80



5D306D

Triad

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



263F80



712F11



005035

Complementary

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



263F80



806726

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.



114D14



263F80



5B3D00

Square

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



263F80



7B212F



3E4700



005157

Rectangle

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



263F80



70255A



3E4700



00502A

Sweetspot

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



263F80



838DA6



268067



3F4554



D4D4D4



545454

Same Dimension

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



263F80



1B41A6



3A2680



393B40



002380



000000

Inverse Universe

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



80263F



A61B41



6C8026



40393B



800023



000000

Previews

White Background



This preview shows how the Hex color 263F80 looks on a white background.

Color Contrast Check

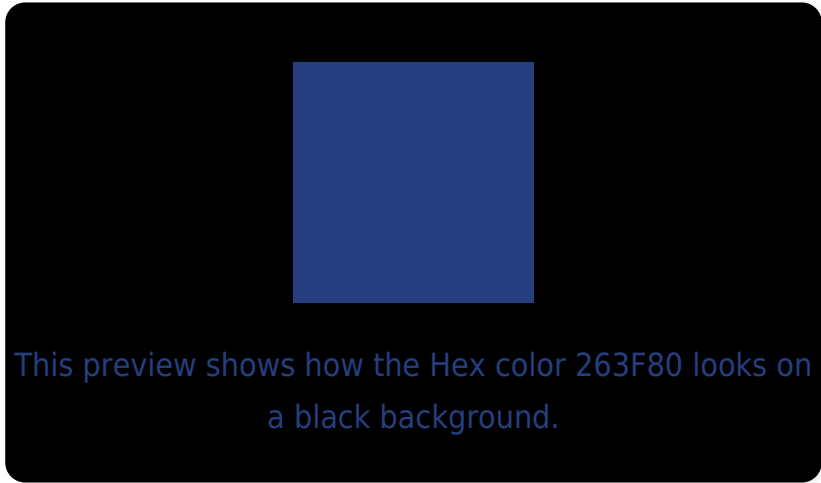
Large Text (above 18pt) WCAG AA ✓ Pass

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

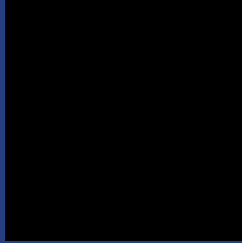
Any Text WCAG AA × Fail

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 263F80 Background



This preview shows how black text looks on a background with the Hex color 263F80.



This preview shows how white text looks on a background with the Hex color 263F80.

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
263F80

Protanopia
1B4081

Deuteranopia
004477



Tritanopia
004A4F

Trichromacy



Original Color
263F80

Protanomaly
1F4081

Deuteranomaly
0E427A

Tritanomaly
0E4661

Monochromacy



Original Color
263F80

Achromatopsia
3F3F3F

Achromatomaly
363F57

CSS Examples

Text

The CSS property to change the color of the text to Hex 263F80 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 #263F80 looks like.

```
.text, #text, p{  
    color:#263F80  
}
```

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 #263F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263F80
}
```

Border

The CSS property to change the border of an element to Hex 263F80 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
#263F80 }
```

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

```
.border{ border-color:#263F80 }
```

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

Here you see how a box with a 4 pixel #263F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263F80; -webkit-box-shadow:4px 4px  
4px 4px #263F80; box-shadow:4px 4px 4px  
4px #263F80 }
```

Background

The CSS property to change the background color of an element to Hex 263F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263F80 }
```

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

```
.background{ background-color:#263F80 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor