

Converting Colors

Hex(27274F)

Have a look what the booklet for
Hex(27274F) contains.

Hex(27274F)	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(27274F)

Conversions

Conversions Part 1

Format	Color
Hex	27274F
RGB	39, 39, 79
RGB Percent	15%, 15%, 31%
CMY	0.8471, 0.8471, 0.6902
CMYK	0.51, 0.51, 0.00, 0.69
HSL	240°, 34%, 23%
HSV	240°, 51%, 31%
XYZ	2.9735, 2.4469, 7.7127
YIQ	43.5600, -12.8400, 12.4400

Conversions

Conversions Part 2

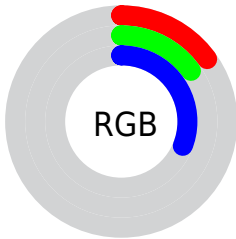
Format	Color
RYB	39, 39, 79
Decimal	2565967
CIELab	17.68, 12.39, -24.69
CIELCh	18, 27.623, 296.650
Yxy	2.4469, 0.2264, 0.1863
Android (android.graphics.Color)	4280756047 (0xFF27274F)
YUV	43.5600, 17.4719, -3.9991
Hunter-Lab	15.6425, 6.5568, -18.2838




Details

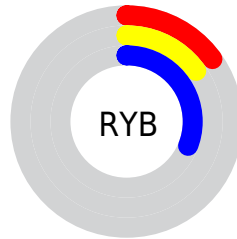
The Hex color **27274F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4F4F27**, and the grayscale version is **2B2B2B**.




A 20% lighter version of the original color is **575481**, and **000022** is the 20% darker color. If you saturate the color by 10%, you get **1F1F4F**, and if you desaturate by 10%, it is **2F2F4F**.

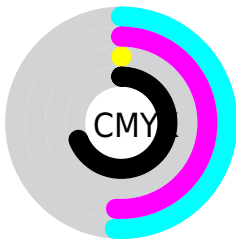
Distribution







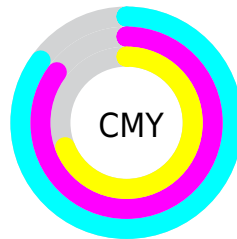
-  Red (15%)
-  Green (15%)
-  Blue (31%)






-  Red (15%)
-  Yellow (15%)
-  Blue (31%)



-  Cyan (51%)
-  Magenta (51%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (85%)
-  Magenta (85%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27274F 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 27274F by changing the saturation by 10% instead.

■ 27274F

■ 27274F

FFFFFF

■ 0F1338

■ 575481

■ 000022

■ 706C9B

■ 000008

■ 8A85B6

■ 000000

■ A59FD1

■ C0BAEE

■ DCD6FF

■ F9F2FF

■ 27274F

■ 27274F

■ 1F1F4F

■ 2F2F4F

■ 17174F

■ 37374F

■ 0F0F4F

■ 3F3F4F

■ 07074F

■ 47474F

■ 00004F

■ 4F4F4F

■ 56564F

■ 5E5E4F

■ 66664F

■ 6E6E4F

Harmonies

Analogous

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



002E53



27274F



411E41

Triad

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



27274F



462207



003428

Complementary

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



27274F



4F4F27

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.



063314



27274F



382A00

Square

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



27274F



4E1A1B



242F01



00353D

Rectangle

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



27274F



4B1935



242F01



003421

Sweetspot

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



27274F



575766



274F4F



2A2A33



B3B3B3



333333

Same Dimension

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



27274F



282866



3B274F



222226



000066



0000E6

Inverse Universe

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



4F274F



662866



3B4F27



262226



660066



E600E6

Previews

White Background



This preview shows how the Hex color 27274F looks on a white background.

Color Contrast Check

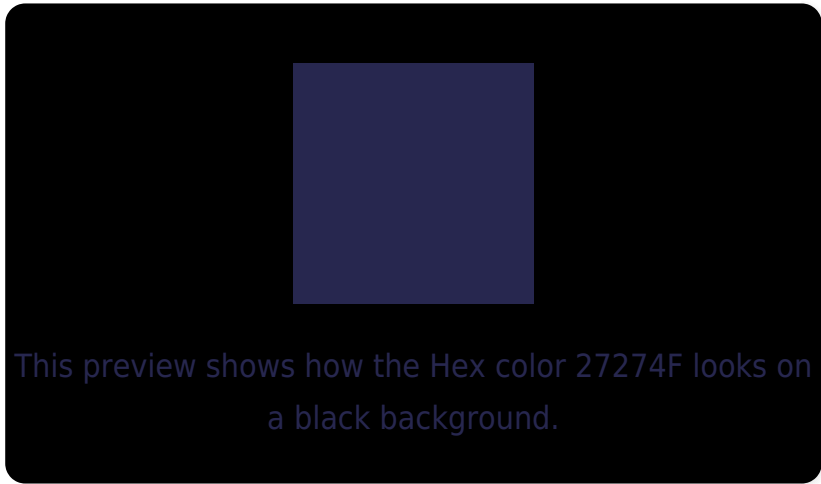
Large Text (above 18pt) WCAG AA ✓ Pass

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

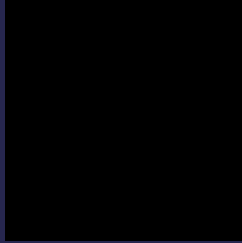
Any Text WCAG AA × Fail

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 27274F Background



This preview shows how black text looks on a background with the Hex color 27274F.



This preview shows how white text looks on a background with the Hex color 27274F.

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
27274F

Protanopia
162A52

Deuteranopia
092C4E



Tritanopia
1E2E32

Trichromacy



Original Color
27274F

Protanomaly
1C2951

Deuteranomaly
142A4E

Tritanomaly
212B3D

Monochromacy



Original Color
27274F

Achromatopsia
2C2C2C

Achromatomaly
2A2A39

CSS Examples

Text

The CSS property to change the color of the text to Hex 27274F 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 #27274F looks like.

```
.text, #text, p{  
    color:#27274F  
}
```

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 #27274F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27274F
}
```

Border

The CSS property to change the border of an element to Hex 27274F 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
#27274F }
```

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

```
.border{ border-color:#27274F }
```

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

Here you see how a box with a 4 pixel #27274F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27274F; -webkit-box-shadow:4px 4px  
4px 4px #27274F; box-shadow:4px 4px 4px  
4px #27274F }
```

Background

The CSS property to change the background color of an element to Hex 27274F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27274F }
```

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

```
.background{ background-color:#27274F }
```

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