

Converting Colors

Hex(2F2244)

Have a look what the booklet for
Hex(2F2244) contains.

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Color

Hex(2F2244)

Conversions

Conversions Part 1

Format	Color
Hex	2F2244
RGB	47, 34, 68
RGB Percent	18%, 13%, 27%
CMY	0.8157, 0.8667, 0.7333
CMYK	0.31, 0.50, 0.00, 0.73
HSL	263°, 33%, 20%
HSV	263°, 50%, 27%
XYZ	2.7877, 2.1657, 5.7399
YIQ	41.7630, -3.1660, 13.3300

Conversions

Conversions Part 2

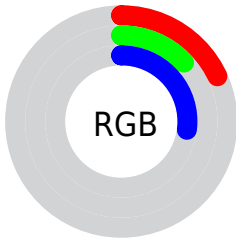
Format	Color
R_YB	47, 34, 68
Decimal	3088964
CIE _{Lab}	16.33, 14.82, -19.24
CIE _{LCh}	16, 24.291, 307.610
Yxy	2.1657, 0.2607, 0.2025
Android (android.graphics.Color)	4281279044 (0xFF2F2244)
YUV	41.7630, 12.9348, 4.5928
Hunter-Lab	14.7165, 8.0590, -12.8236

Details

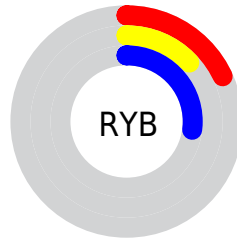
The Hex color **2F2244** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **374422**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5E4F74**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **2B1B44**, and if you desaturate by 10%, it is **332944**.

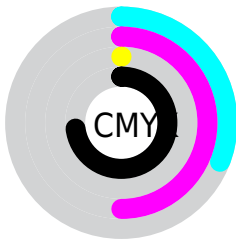
Distribution



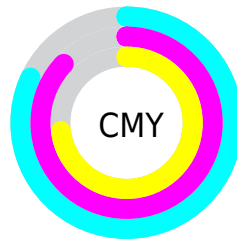
- Red (18%)
- Green (13%)
- Blue (27%)



- Red (18%)
- Yellow (13%)
- Blue (27%)



- Cyan (31%)
- Magenta (50%)
- Yellow (0%)
- Black (73%)



- Cyan (82%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2244 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 2F2244 by changing the saturation by 10% instead.

■ 2F2244

■ 2F2244

FFFFFF

■ 190D2E

■ 5E4F74

■ 000119

■ 77678E

■ 000000

■ 9180A9

■ AC9AC4

■ C7B5E0

■ E3D0FD

■ FFECFF

■ 2F2244

■ 2F2244

■ 2B1B44

■ 332944

■ 271444

■ 373044

■ 220E44

■ 3C3644

■ 1E0744

■ 403D44

■ 1A0044

■ 444444

■ 484B44

■ 4C5244

■ 515844

■ 555F44

Harmonies

Analogous

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



0C294B



2F2244



411B36

Triad

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



2F2244



3C2304



00312D

Complementary

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



2F2244



374422

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.



00301B



2F2244



2E2900

Square

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



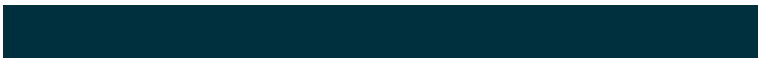
2F2244



461C14



1B2D0A



00303D

Rectangle

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



2F2244



47182B



1B2D0A



003126

Sweetspot

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



2F2244



514C59



223844



29262E



ADADAD



2E2E2E

Same Dimension

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



2F2244



382459



3F2244



1F1E21



250061



5600E0

Inverse Universe

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



442237



592445



274422



211E20



61003C



E0008B

Previews

White Background



This preview shows how the Hex color 2F2244 looks on a white background.

Color Contrast Check

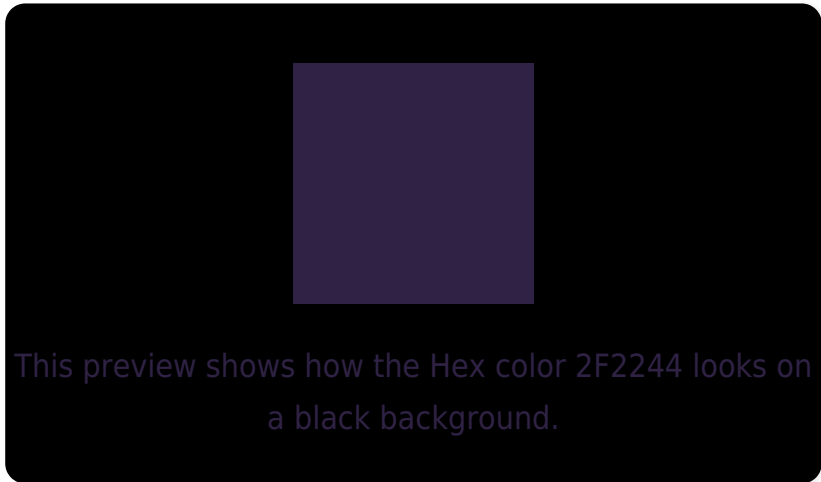
Large Text (above 18pt) WCAG AA ✓ Pass

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

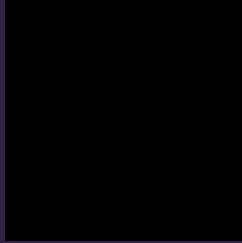
Any Text WCAG AA × Fail

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 2F2244 Background



This preview shows how black text looks on a background with the Hex color 2F2244.



This preview shows how white text looks on a background with the Hex color 2F2244.

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
2F2244

Protanopia
182849

Deuteranopia
192943



Tritanopia
2A282B

Trichromacy



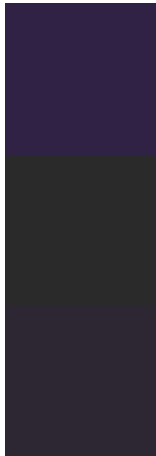
Original Color
2F2244

Protanomaly
202647

Deuteranomaly
212643

Tritanomaly
2C2634

Monochromacy



Original Color
2F2244

Achromatopsia
2A2A2A

Achromatomaly
2C2733

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2244 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 #2F2244 looks like.

```
.text, #text, p{  
    color:#2F2244  
}
```

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 #2F2244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2244
}
```

Border

The CSS property to change the border of an element to Hex 2F2244 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".

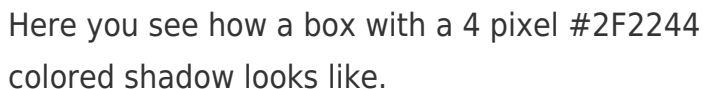
```
.border, #border, table{ border:4px solid
#2F2244 }
```

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

```
.border{ border-color:#2F2244 }
```

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

Here you see how a box with a 4 pixel #2F2244 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 #2F2244; -webkit-box-shadow:4px 4px  
4px 4px #2F2244; box-shadow:4px 4px 4px  
4px #2F2244 }
```

Background

The CSS property to change the background color of an element to Hex 2F2244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2244 }
```

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

```
.background{ background-color:#2F2244 }
```

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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