

Converting Colors

Hex(2F1841)

Have a look what the booklet for
Hex(2F1841) contains.

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Color

Hex(2F1841)

Conversions

Conversions Part 1

Format	Color
Hex	2F1841
RGB	47, 24, 65
RGB Percent	18%, 9%, 25%
CMY	0.8157, 0.9059, 0.7451
CMYK	0.28, 0.63, 0.00, 0.75
HSL	274°, 46%, 17%
HSV	274°, 63%, 25%
XYZ	2.4531, 1.6393, 5.1881
YIQ	35.5510, 0.5470, 17.6270

Conversions

Conversions Part 2

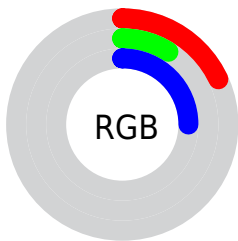
Format	Color
R_YB	47, 24, 65
Decimal	3086401
CIE _{Lab}	13.47, 20.75, -21.70
CIE _{LCh}	13, 30.023, 313.712
Yxy	1.6393, 0.2643, 0.1766
Android (android.graphics.Color)	4281276481 (0xFF2F1841)
YUV	35.5510, 14.5184, 10.0408
Hunter-Lab	12.8034, 11.7938, -15.0630

Details

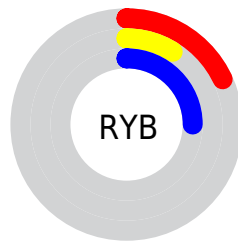
The Hex color **2F1841** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2A4118**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **5F4471**, and **000115** is the 20% darker color. If you saturate the color by 10%, you get **2C1241**, and if you desaturate by 10%, it is **321E41**.

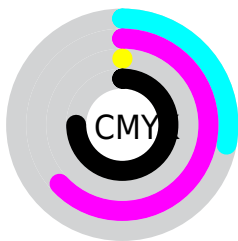
Distribution



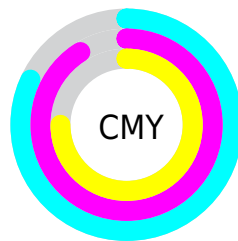
- Red (18%)
- Green (9%)
- Blue (25%)



- Red (18%)
- Yellow (9%)
- Blue (25%)



- Cyan (28%)
- Magenta (63%)
- Yellow (0%)
- Black (75%)



- Cyan (82%)
- Magenta (91%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F1841 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 2F1841 by changing the saturation by 10% instead.

■ 2F1841

■ 2F1841

■ FFFDFF

■ 1B002B

■ 5F4471

■ 000115

■ 785C8B

■ 000000

■ 9275A5

■ AD8EC0

■ C8A9DC

■ E4C4F9

■ FFE0FF

■ 2F1841

■ 2F1841

■ 2C1241

■ 321E41

■ 290B41

■ 352541

■ 260541

■ 382C41

■ 240041

■ 3A3241

■ 3D3941

■ 403F41

■ 434641

■ 464C41

■ 495241

Harmonies

Analogous

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



00224B



2F1841



420D2F

Triad

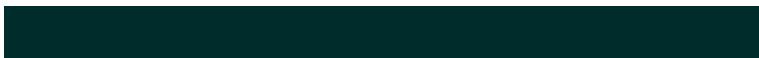
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2F1841



351D00



002C2C

Complementary

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



2F1841



2A4118

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.



002B16



2F1841



242400

Square

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



2F1841



421300



0C2900



002B3F

Rectangle

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



2F1841



470A21



0C2900



002C25

Sweetspot

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



2F1841



4D4454



182A41



27212B



ABABAB



2B2B2B

Same Dimension

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



2F1841



381454



41183F



201E21



360061



7E00E0

Inverse Universe

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



41182A



541430



18411A



211E1F



61002B



E00063

Previews

White Background



This preview shows how the Hex color 2F1841 looks on a white background.

Color Contrast Check

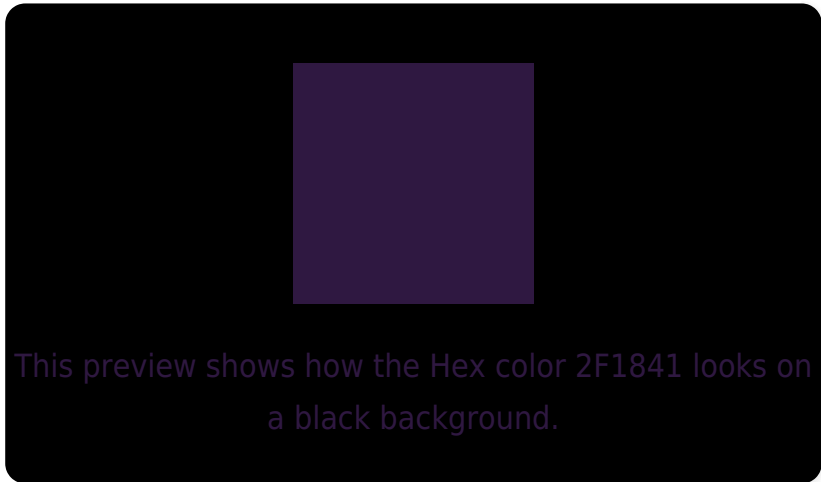
Large Text (above 18pt) WCAG AA ✓ Pass

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

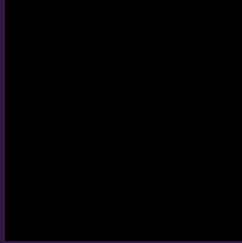
Any Text WCAG AA × Fail

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 2F1841 Background



This preview shows how black text looks on a background with the Hex color 2F1841.



This preview shows how white text looks on a background with the Hex color 2F1841.

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
2F1841

Protanopia
002248

Deuteranopia
0A243F

Trichromacy



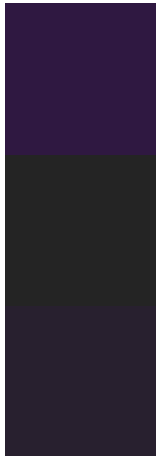
Original Color
2F1841

Protanomaly
111E45

Deuteranomaly
172040

Tritanomaly
2C1E2E

Monochromacy



Original Color
2F1841

Achromatopsia
242424

Achromatomaly
28202F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F1841 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 #2F1841 looks like.

```
.text, #text, p{  
    color:#2F1841  
}
```

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 #2F1841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F1841
}
```

Border

The CSS property to change the border of an element to Hex 2F1841 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
#2F1841 }
```

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

```
.border{ border-color:#2F1841 }
```

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

Here you see how a box with a 4 pixel #2F1841 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F1841; -webkit-box-shadow:4px 4px  
4px 4px #2F1841; box-shadow:4px 4px 4px  
4px #2F1841 }
```

Background

The CSS property to change the background color of an element to Hex 2F1841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F1841 }
```

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

```
.background{ background-color:#2F1841 }
```

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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