

Converting Colors

Hex(2F1683)

Have a look what the booklet for
Hex(2F1683) contains.

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Color

Hex(2F1683)

Conversions

Conversions Part 1

Format	Color
Hex	2F1683
RGB	47, 22, 131
RGB Percent	18%, 9%, 51%
CMY	0.8157, 0.9137, 0.4863
CMYK	0.64, 0.83, 0.00, 0.49
HSL	254°, 71%, 30%
HSV	254°, 83%, 51%
XYZ	5.5559, 2.8168, 21.7236
YIQ	41.9010, -20.0890, 39.1990

Conversions

Conversions Part 2

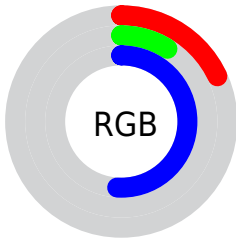
Format	Color
RYB	47, 22, 131
Decimal	3085955
CIELab	19.29, 41.91, -56.01
CIELCh	19, 69.959, 306.808
Yxy	2.8168, 0.1846, 0.0936
Android (android.graphics.Color)	4281276035 (0xFF2F1683)
YUV	41.9010, 43.9258, 4.4718
Hunter-Lab	16.7835, 29.7188, -64.9933




Details

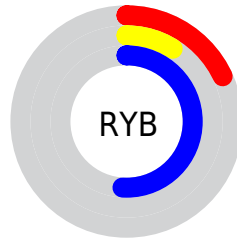
The Hex color **2F1683** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6A8316**, and the grayscale version is **292929**.




A 20% lighter version of the original color is **6946B9**, and **000050** is the 20% darker color. If you saturate the color by 10%, you get **250983**, and if you desaturate by 10%, it is **392383**.

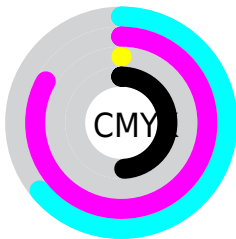
Distribution







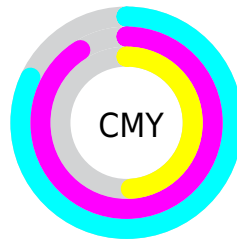
-  Red (18%)
-  Green (9%)
-  Blue (51%)






-  Red (18%)
-  Yellow (9%)
-  Blue (51%)



-  Cyan (64%)
-  Magenta (83%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (82%)
-  Magenta (91%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F1683 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 2F1683 by changing the saturation by 10% instead.

 2F1683

 2F1683

FFFFFF

 060069

 6946B9

 000050

 855ED5

 000538

 A178F2

 000222

 BE92FF

 000007

 DBADFF

 000000

 F9C9FF

 FFE5FF

 2F1683

 2F1683

■ 250983

■ 392383

■ 1E0083

■ 433083

■ 4D3D83

■ 574A83

■ 615883

■ 6C6583

■ 767283

■ 807F83

■ 8A8C83

Harmonies

Analogous

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



003498



2F1683



6F0058

Triad

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



2F1683



591A00



00403A

Complementary

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



2F1683



6A8316

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.



003E00



2F1683



303100

Square

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



2F1683



750000



003A00



00416C

Rectangle

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



2F1683



7E0037



003A00



004028

Sweetspot

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



2F1683



8A80AB



166B83



433D57



D6D6D6



575757

Same Dimension

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



2F1683



2700AB



641683



3D3C42



1E0082



010003

Inverse Universe

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



83166A



AB0084



358316



423C41



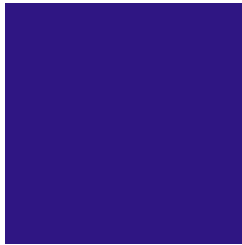
820064



030002

Previews

White Background



This preview shows how the Hex color 2F1683 looks on a white background.

Color Contrast Check

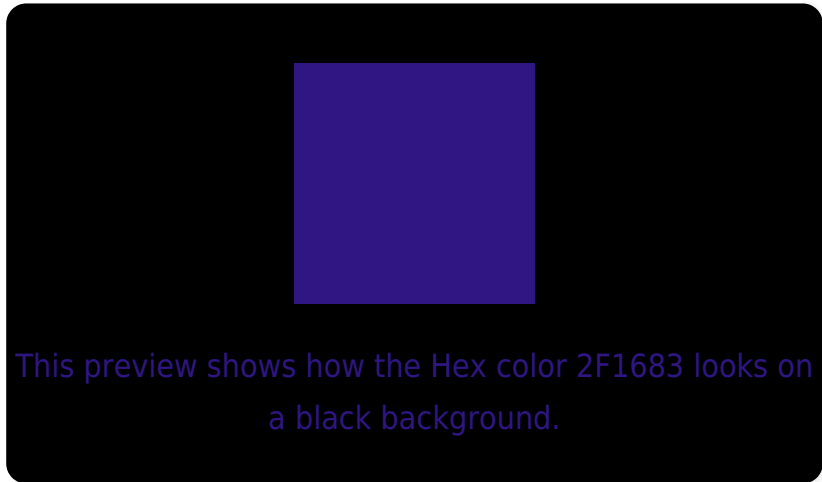
Large Text (above 18pt) WCAG AA ✓ Pass

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

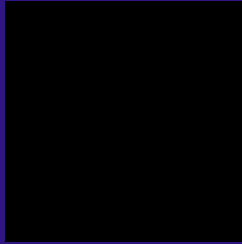
Any Text WCAG AA × Fail

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 2F1683 Background



This preview shows how black text looks on a background with the Hex color 2F1683.



This preview shows how white text looks on a background with the Hex color 2F1683.

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
2F1683

Protanopia
002E61

Deuteranopia
003153

Trichromacy



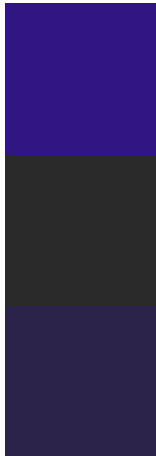
Original Color
2F1683

Protanomaly
11256D

Deuteranomaly
112764

Tritanomaly
112A54

Monochromacy



Original Color
2F1683

Achromatopsia
2A2A2A

Achromatomaly
2C234A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F1683 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 #2F1683 looks like.

```
.text, #text, p{  
    color:#2F1683  
}
```

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 #2F1683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F1683
}
```

Border

The CSS property to change the border of an element to Hex 2F1683 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".

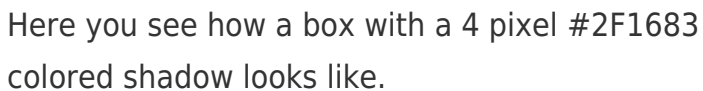
```
.border, #border, table{ border:4px solid
#2F1683 }
```

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

```
.border{ border-color:#2F1683 }
```

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

Here you see how a box with a 4 pixel #2F1683 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 #2F1683; -webkit-box-shadow:4px 4px  
4px 4px #2F1683; box-shadow:4px 4px 4px  
4px #2F1683 }
```

Background

The CSS property to change the background color of an element to Hex 2F1683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F1683 }
```

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

```
.background{ background-color:#2F1683 }
```

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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