

Converting Colors

Hex(2F1229)

Have a look what the booklet for
Hex(2F1229) contains.

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Color

Hex(2F1229)

Conversions

Conversions Part 1

Format	Color
Hex	2F1229
RGB	47, 18, 41
RGB Percent	18%, 7%, 16%
CMY	0.8157, 0.9294, 0.8392
CMYK	0.00, 0.62, 0.13, 0.82
HSL	312°, 45%, 13%
HSV	312°, 62%, 18%
XYZ	1.7888, 1.1970, 2.2346
YIQ	29.2930, 9.9010, 13.3010

Conversions

Conversions Part 2

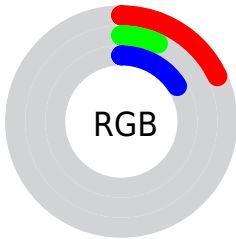
Format	Color
R_{YB}	47, 18, 41
Decimal	3084841
CIE _{Lab}	10.54, 18.62, -9.01
CIE _{LCh}	11, 20.685, 334.189
Yxy	1.1970, 0.3427, 0.2293
Android (android.graphics.Color)	4281274921 (0xFF2F1229)
YUV	29.2930, 5.7716, 15.5290
Hunter-Lab	10.9410, 10.0379, -4.4508

Details

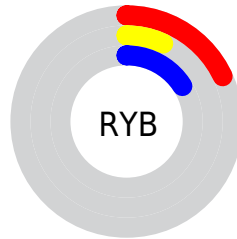
The Hex color **2F1229** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **122F18**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **5E3E56**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F0D28**, and if you desaturate by 10%, it is **2F172A**.

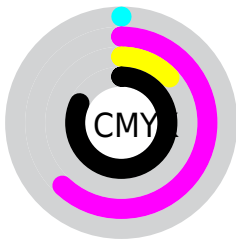
Distribution



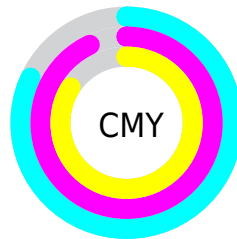
- Red (18%)
- Green (7%)
- Blue (16%)



- Red (18%)
- Yellow (7%)
- Blue (16%)



- Cyan (0%)
- Magenta (62%)
- Yellow (13%)
- Black (82%)



- Cyan (82%)
- Magenta (93%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F1229 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 2F1229 by changing the saturation by 10% instead.

 2F1229

 2F1229


 FFF5FF

 1D0015

 5E3E56

 000000

 77556F

 916E88

 AC87A2

 C7A1BD

 E3BDD9

 FFD8F6

 2F1229

 2F1229

■ 2F0D28

■ 2F172A

■ 2F0927

■ 2F1B2B

■ 2F0426

■ 2F202C

■ 2F0025

■ 2F252D

■ 2F2A2E

■ 2F2E2F

■ 2F3330

■ 2F3831

■ 2F3C32

Harmonies

Analogous

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



1F1834



2F1229



360F1B

Triad

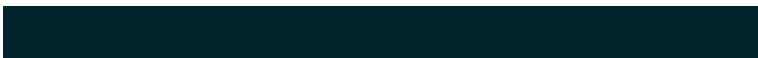
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2F1229



231C00



00232C

Complementary

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



2F1229



122F18

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.



00231E



2F1229



162000

Square

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



2F1229



2F1700



00220F



002136

Rectangle

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



2F1229



361011



00220F



002328

Sweetspot

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



2F1229



3D323B



18122F



1F181D



9E9E9E



1F1F1F

Same Dimension

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



2F1229



3D1034



2F121B



171516



570045



D600AA

Inverse Universe

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



2F1229



3D1034



122F26



171516



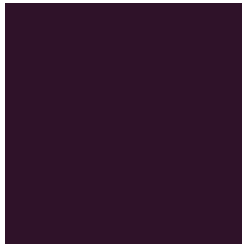
570045



D600AA

Previews

White Background



This preview shows how the Hex color 2F1229 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

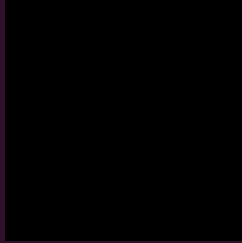
Any Text WCAG AA × Fail

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 2F1229 Background



This preview shows how black text looks on a background with the Hex color 2F1229.



This preview shows how white text looks on a background with the Hex color 2F1229.

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](#).

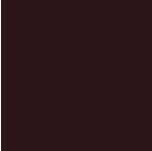
Dichromacy



Original Color
2F1229

Protanopia
151D32

Deuteranopia
1B1D27



Tritanopia
2D1618

Trichromacy



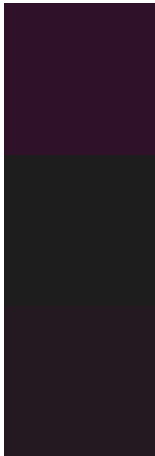
Original Color
2F1229

Protanomaly
1E192F

Deuteranomaly
221928

Tritanomaly
2E151E

Monochromacy



Original Color
2F1229

Achromatopsia
1D1D1D

Achromatomaly
241921

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F1229 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 #2F1229 looks like.

```
.text, #text, p{  
    color:#2F1229  
}
```

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 #2F1229 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F1229
}
```

Border

The CSS property to change the border of an element to Hex 2F1229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

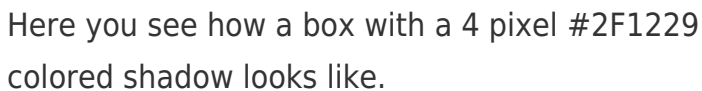
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F1229 }
```

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

```
.border{ border-color:#2F1229 }
```

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



Here you see how a box with a 4 pixel #2F1229 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F1229; -webkit-box-shadow:4px 4px  
4px 4px #2F1229; box-shadow:4px 4px 4px  
4px #2F1229 }
```

Background

The CSS property to change the background color of an element to Hex 2F1229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F1229 }
```

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

```
.background{ background-color:#2F1229 }
```

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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