

Converting Colors

Hex(2F0996)

Have a look what the booklet for
Hex(2F0996) contains.

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Color

Hex(2F0996)

Conversions

Conversions Part 1

Format	Color
Hex	2F0996
RGB	47, 9, 150
RGB Percent	18%, 4%, 59%
CMY	0.8157, 0.9647, 0.4118
CMYK	0.69, 0.94, 0.00, 0.41
HSL	256°, 89%, 31%
HSV	256°, 94%, 59%
XYZ	6.7750, 3.0017, 29.0765
YIQ	36.4360, -22.6130, 51.9070

Conversions

Conversions Part 2

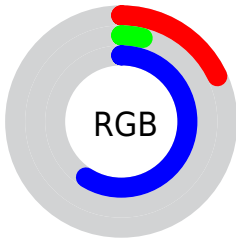
Format	Color
R_{YB}	47, 9, 150
Decimal	3082646
CIE _{Lab}	20.05, 51.92, -66.64
CIE _{LCh}	20, 84.476, 307.925
Yxy	3.0017, 0.1744, 0.0773
Android (android.graphics.Color)	4281272726 (0xFF2F0996)
YUV	36.4360, 55.9871, 9.2646
Hunter-Lab	17.3255, 39.4815, -87.3756

Details

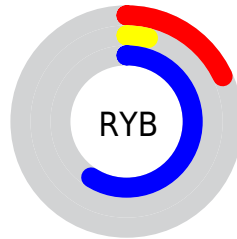
The Hex color **2F0996** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **709609**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **6D3FCE**, and **000062** is the 20% darker color. If you saturate the color by 10%, you get **280096**, and if you desaturate by 10%, it is **3A1896**.

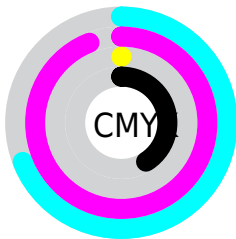
Distribution



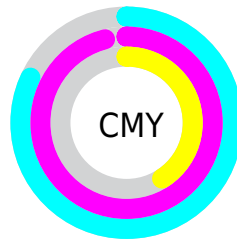
- Red (18%)
- Green (4%)
- Blue (59%)



- Red (18%)
- Yellow (4%)
- Blue (59%)



- Cyan (69%)
- Magenta (94%)
- Yellow (0%)
- Black (41%)



- Cyan (82%)
- Magenta (96%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F0996 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 2F0996 by changing the saturation by 10% instead.

 2F0996

 2F0996


 FFFDFF

 00007B

 6D3FCE

 000062

 8B58EA

 000149

 A872FF

 000431

 C58DFF

 00011B

 E3A8FF

 000000

 FFC4FF

 FFE0FF

 2F0996

 2F0996

■ 280096

■ 3A1896

■ 452796

■ 503696

■ 5B4596

■ 665496

■ 716396

■ 7C7296

■ 878196

■ 929096

Harmonies

Analogous

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



0038B1



2F0996



7F0061

Triad

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



2F0996



5F1600



004440

Complementary

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



2F0996



709609

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.



004200



2F0996



2E3400

Square

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



2F0996



820000



003E00



00457E

Rectangle

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



2F0996



8F0038



003E00



00442A

Sweetspot

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



2F0996



9A8CC2



097096



494061



E0E0E0



616161

Same Dimension

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



2F0996



3400C2



750996



45434A



25008A



03000A

Inverse Universe

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



960970



C2008E



2A9609



4A4348



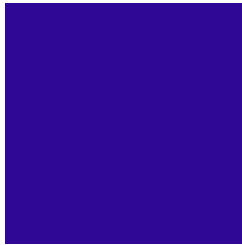
8A0065



0A0007

Previews

White Background



This preview shows how the Hex color 2F0996 looks on a white background.

Color Contrast Check

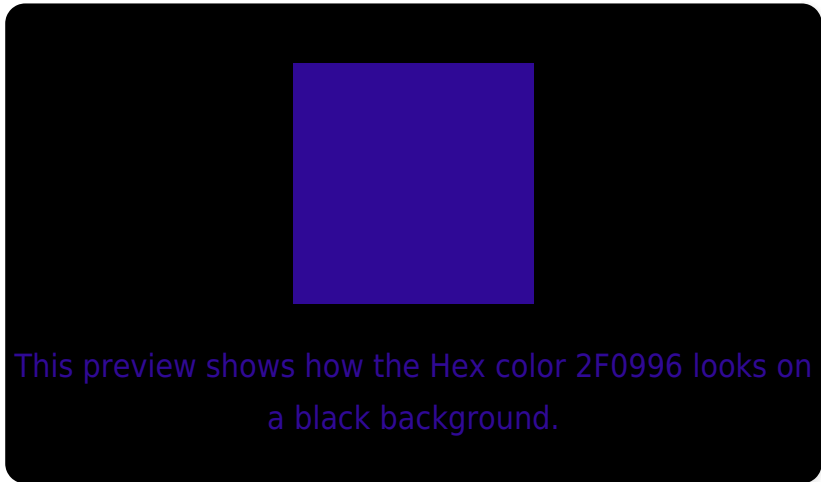
Large Text (above 18pt) WCAG AA ✓ Pass

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

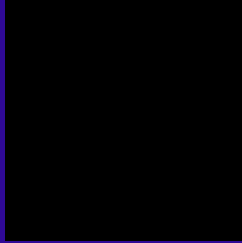
Any Text WCAG AA × Fail

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 2F0996 Background



This preview shows how black text looks on a background with the Hex color 2F0996.



This preview shows how white text looks on a background with the Hex color 2F0996.

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
2F0996

Protanopia
003166

Deuteranopia
003457



Tritanopia
00383B

Trichromacy



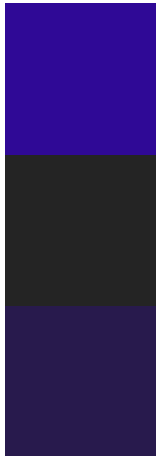
Original Color
2F0996

Protanomaly
112277

Deuteranomaly
11246E

Tritanomaly
11275C

Monochromacy



Original Color
2F0996

Achromatopsia
242424

Achromatomaly
281A4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F0996 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 #2F0996 looks like.

```
.text, #text, p{  
    color:#2F0996  
}
```

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 #2F0996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0996
}
```

Border

The CSS property to change the border of an element to Hex 2F0996 is called "border". The border property can be set on classes, ids or directly on the HTML element.

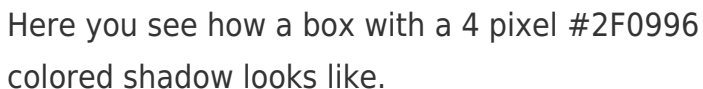
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F0996 }
```

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

```
.border{ border-color:#2F0996 }
```

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



Here you see how a box with a 4 pixel #2F0996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0996; -webkit-box-shadow:4px 4px  
4px 4px #2F0996; box-shadow:4px 4px 4px  
4px #2F0996 }
```

Background

The CSS property to change the background color of an element to Hex 2F0996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0996 }
```

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

```
.background{ background-color:#2F0996 }
```

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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