

# Converting Colors

Hex(2D2C9F)

Have a look what the booklet for  
Hex(2D2C9F) contains.

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# Color

Hex(2D2C9F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2D2C9F
RGB	45, 44, 159
RGB Percent	18%, 17%, 62%
CMY	0.8235, 0.8275, 0.3765
CMYK	0.72, 0.72, 0.00, 0.38
HSL	241°, 57%, 40%
HSV	241°, 72%, 62%
XYZ	8.2409, 4.8625, 33.3051
YIQ	57.4090, -36.3190, 35.9770

# Conversions

## Conversions Part 2

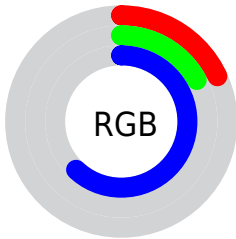
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 44, 159
Decimal	2960543
CIE <sub>Lab</sub>	26.34, 38.80, -61.76
CIE <sub>LCh</sub>	26, 72.936, 302.142
Yxy	4.8625, 0.1776, 0.1048
Android (android.graphics.Color)	4281150623 (0xFF2D2C9F)
YUV	57.4090, 50.0844, -10.8827
Hunter-Lab	22.0510, 28.1197, -74.1140

# Details

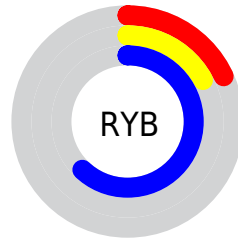
The Hex color **2D2C9F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9E9F2C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6C5BD7**, and **00026A** is the 20% darker color. If you saturate the color by 10%, you get **1D1C9F**, and if you desaturate by 10%, it is **3D3C9F**.

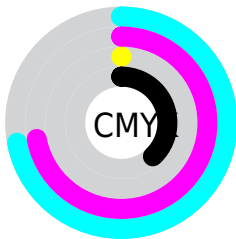
# Distribution



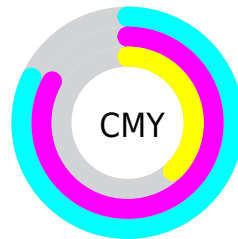
- Red (18%)
- Green (17%)
- Blue (62%)



- Red (18%)
- Yellow (17%)
- Blue (62%)



- Cyan (72%)
- Magenta (72%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (83%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D2C9F 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 2D2C9F by changing the saturation by 10% instead.





2D2C9F



2D2C9F

FFFFFF



001684



6C5BD7



00026A



8974F4



000051



A68EFF



000539



C3A8FF



000223



E1C4FF



000009



FFE0FF



000000



FFFDFF



2D2C9F



2D2C9F

■ 1D1C9F

■ 3D3C9F

■ 0D0C9F

■ 4D4C9F

■ 01009F

■ 5C5C9F

■ 6C6C9F

■ 7C7B9F

■ 8C8B9F

■ 9B9B9F

■ ABAB9F

■ BBBB9F

# Harmonies

## Analogous

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



0046B1



2D2C9F



7F0074

# Triad

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



2D2C9F



742200



005241

# Complementary

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



2D2C9F



9E9F2C

# 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.



005000



2D2C9F



4A3E00

# Square

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



2D2C9F



910004



004A00



005379

# Rectangle

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



2D2C9F



930050



004A00



00512D



# Sweetspot

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



2D2C9F



A2A1CF



2C9F9F



4E4D69



E8E8E8



696969



# Same Dimension

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



2D2C9F



1C1BCF



662C9F



47474F



01008F



00000F



# Inverse Universe

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



9F2C9E



CF1BCD



669F2C



4F474F



8F008E

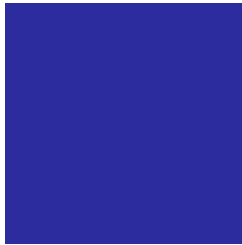


0F000F



# Previews

## White Background



This preview shows how the Hex color 2D2C9F looks on a white background.

## Color Contrast Check

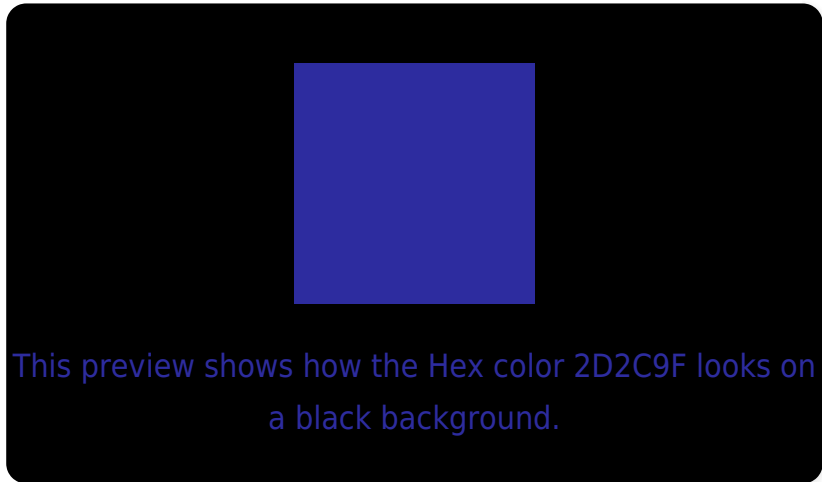
Large Text (above 18pt) WCAG AA ✓ Pass

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

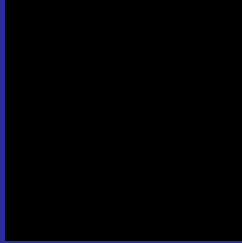
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2D2C9F Background



This preview shows how black text looks on a background with the Hex color 2D2C9F.



This preview shows how white text looks on a background with the Hex color 2D2C9F.

# 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**  
2D2C9F

**Protanopia**  
003C7F

**Deuteranopia**  
00406C



**Tritanopia**  
00454A

# Trichromacy



**Original Color**  
2D2C9F

**Protanomaly**  
10368B

**Deuteranomaly**  
10397F

**Tritanomaly**  
103C69

# Monochromacy



**Original Color**  
2D2C9F

**Achromatopsia**  
393939

**Achromatomaly**  
35345E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D2C9F 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 #2D2C9F looks like.

```
.text, #text, p{  
    color:#2D2C9F  
}
```

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 #2D2C9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2C9F
}
```

## Border

The CSS property to change the border of an element to Hex 2D2C9F 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
#2D2C9F }
```

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

```
.border{ border-color:#2D2C9F }
```

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

Here you see how a box with a 4 pixel #2D2C9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2C9F; -webkit-box-shadow:4px 4px  
4px 4px #2D2C9F; box-shadow:4px 4px 4px  
4px #2D2C9F }
```

# Background

The CSS property to change the background color of an element to Hex 2D2C9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2C9F }
```

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

```
.background{ background-color:#2D2C9F }
```

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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