

Converting Colors

Hex(2F29DB)

Have a look what the booklet for
Hex(2F29DB) contains.

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Color

Hex(2F29DB)

Conversions

Conversions Part 1

Format	Color
Hex	2F29DB
RGB	47, 41, 219
RGB Percent	18%, 16%, 86%
CMY	0.8157, 0.8392, 0.1412
CMYK	0.79, 0.81, 0.00, 0.14
HSL	242°, 71%, 51%
HSV	242°, 81%, 86%
XYZ	14.7514, 7.3047, 67.6503
YIQ	63.0860, -53.5620, 56.6300

Conversions

Conversions Part 2

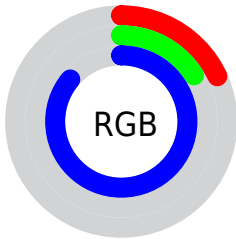
Format	Color
R_{YB}	47, 41, 219
Decimal	3090907
CIE _{Lab}	32.49, 59.69, -87.06
CIE _{LCh}	32, 105.553, 304.436
Yxy	7.3047, 0.1644, 0.0814
Android (android.graphics.Color)	4281280987 (0xFF2F29DB)
YUV	63.0860, 76.8656, -14.1074
Hunter-Lab	27.0272, 50.1276, -129.4866




Details

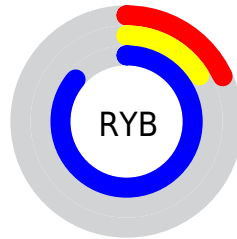
The Hex color **2F29DB** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **D5DB29**, and the grayscale version is **3E3E3E**.




A 20% lighter version of the original color is **7B5BFF**, and **0000A2** is the 20% darker color. If you saturate the color by 10%, you get **1A13DB**, and if you desaturate by 10%, it is **443FDB**.

Distribution







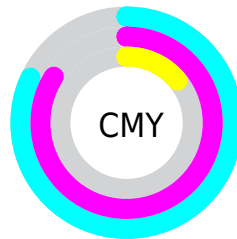
-  Red (18%)
-  Green (16%)
-  Blue (86%)






-  Red (18%)
-  Yellow (16%)
-  Blue (86%)



-  Cyan (79%)
-  Magenta (81%)
-  Yellow (0%)
-  Black (14%)



-  Cyan (82%)
-  Magenta (84%)
-  Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F29DB 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 2F29DB by changing the saturation by 10% instead.

 2F29DB

 2F29DB

FFFFFF

 000EBE

 7B5BFF

 0000A2

 9C75FF

 000087

 BB90FF

 00006D

 DBABFF

 000B53

 FAC7FF

 00063B

 FFE3FF

 000224

 00000C

 000000

■ 2F29DB

■ 2F29DB

■ 1A13DB

■ 443FDB

■ 0700DB

■ 5955DB

■ 6E6BDB

■ 8481DB

■ 9997DB

■ AEACDB

■ C3C2DB

■ D8D8DB

■ EDEEDB

Harmonies

Analogous

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



0059FA



2F29DB



B00096

Triad

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



2F29DB



942100



006658

Complementary

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



2F29DB



D5DB29

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.



006400



2F29DB



534F00

Square

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



2F29DB



C00000



005E00



0069AB

Rectangle

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



2F29DB



CB0060



005E00



00653A

Sweetspot

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



2F29DB



C4C2FF



29D5DB



5C5B80



000000



808080

Same Dimension

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



2F29DB



0E05FF



8829DB



63636E



0600AD



02002E

Inverse Universe

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



DB29D5



FF05F7



7CDB29



6E636D



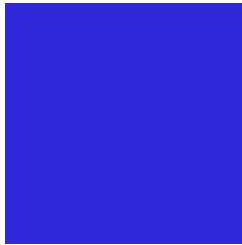
AD00A8



2E002C

Previews

White Background



This preview shows how the Hex color 2F29DB 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

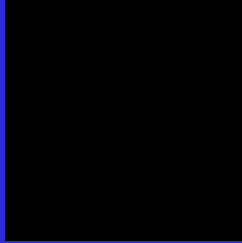
Any Text WCAG AA × Fail

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 2F29DB Background



This preview shows how black text looks on a background with the Hex color 2F29DB.



This preview shows how white text looks on a background with the Hex color 2F29DB.

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
2F29DB

Protanopia
00499A

Deuteranopia
004E83

Trichromacy



Original Color
2F29DB



Protanomaly
113DB2



Deuteranomaly
1141A3



Tritanomaly
114488

Monochromacy



Original Color
2F29DB



Achromatopsia
3F3F3F



Achromatomaly
393778

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F29DB 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 #2F29DB looks like.

```
.text, #text, p{  
    color:#2F29DB  
}
```

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 #2F29DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F29DB
}
```

Border

The CSS property to change the border of an element to Hex 2F29DB 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
#2F29DB }
```

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

```
.border{ border-color:#2F29DB }
```

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

Here you see how a box with a 4 pixel #2F29DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F29DB; -webkit-box-shadow:4px 4px  
4px 4px #2F29DB; box-shadow:4px 4px 4px  
4px #2F29DB }
```

Background

The CSS property to change the background color of an element to Hex 2F29DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F29DB }
```

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

```
.background{ background-color:#2F29DB }
```

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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