

Converting Colors

Hex(2F6DCB)

Have a look what the booklet for
Hex(2F6DCB) contains.

Hex(2F6DCB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2F6DCB)

Conversions

Conversions Part 1

Format	Color
Hex	2F6DCB
RGB	47, 109, 203
RGB Percent	18%, 43%, 80%
CMY	0.8157, 0.5725, 0.2039
CMYK	0.77, 0.46, 0.00, 0.20
HSL	216°, 62%, 49%
HSV	216°, 77%, 80%
XYZ	17.4204, 15.8534, 58.6418
YIQ	101.1780, -67.1260, 16.0900

Conversions

Conversions Part 2

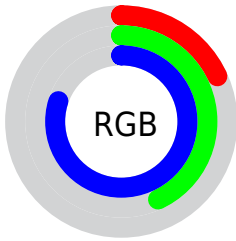
Format	Color
R_{YB}	47, 91, 203
Decimal	3108299
CIE _{Lab}	46.78, 13.41, -54.48
CIE _{LCh}	47, 56.103, 283.825
Yxy	15.8534, 0.1895, 0.1725
Android (android.graphics.Color)	4281298379 (0xFF2F6DCB)
YUV	101.1780, 50.1982, -47.5141
Hunter-Lab	39.8163, 8.4186, -59.4513

Details

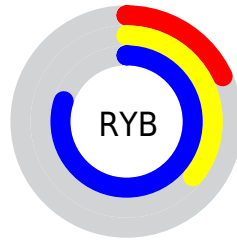
The Hex color **2F6DCB** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CB8D2F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **73A0FF**, and **003F94** is the 20% darker color. If you saturate the color by 10%, you get **1B61CB**, and if you desaturate by 10%, it is **4379CB**.

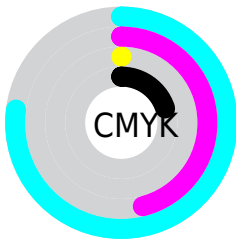
Distribution



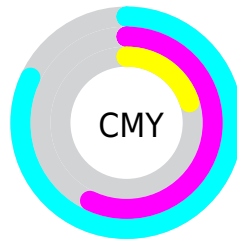
- Red (18%)
- Green (43%)
- Blue (80%)



- Red (18%)
- Yellow (36%)
- Blue (80%)



- Cyan (77%)
- Magenta (46%)
- Yellow (0%)
- Black (20%)



- Cyan (82%)
- Magenta (57%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6DCB 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 2F6DCB by changing the saturation by 10% instead.

 2F6DCB


 2F6DCB

FFFFFF

 0055AF

 73A0FF

 003F94

 91BBFF

 002A7A

 AFD6FF

 001760

 CDF3FF

 000848

 EBFFFF

 000430

 00011B

 000000

 2F6DCB

 2F6DCB

■ 1B61CB

■ 4379CB

■ 0655CB

■ 5885CB

■ 0051CB

■ 6C92CB

■ 809ECB

■ 95AACB

■ A9B6CB

■ BDC3CB

■ D1CFCB

■ E6DBC B

Harmonies

Analogous

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



007BCA



2F6DCB



8C58B3

Triad

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



2F6DCB



B74F2F



008353

Complementary

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



2F6DCB



CB8D2F

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.



3A7E24



2F6DCB



9A6302

Square

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



2F6DCB



C33F5B



717300



008584

Rectangle

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



2F6DCB



AC4999



717300



008243

Sweetspot

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



2F6DCB



C4DCFF



2FCB8D



5C6A80



000000



808080

Same Dimension

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



2F6DCB



1472FF



3F2FCB



5C6066



0042A6



000F26

Inverse Universe

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



CB2F6D



FF1472



BBCB2F



665C60



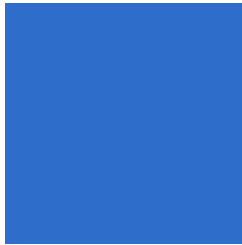
A60042



26000F

Previews

White Background



This preview shows how the Hex color 2F6DCB 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 × Fail

Black Background



This preview shows how the Hex color 2F6DCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

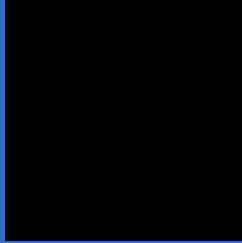
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

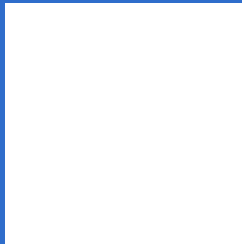
Any Text WCAG AAA × Fail

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

Hex 2F6DCB Background



This preview shows how black text looks on a background with the Hex color 2F6DCB.



This preview shows how white text looks on a background with the Hex color 2F6DCB.

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](#).

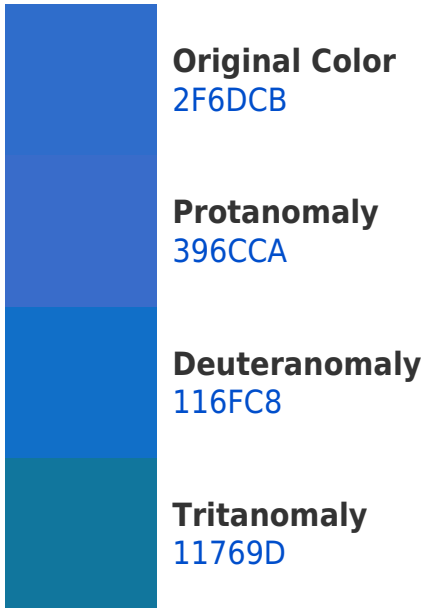
Dichromacy



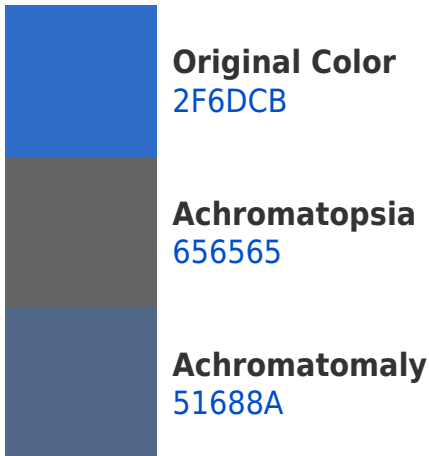


Tritanopia
007B83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6DCB 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 #2F6DCB looks like.

```
.text, #text, p{  
    color:#2F6DCB  
}
```

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 #2F6DCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6DCB
}
```

Border

The CSS property to change the border of an element to Hex 2F6DCB 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
#2F6DCB }
```

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

```
.border{ border-color:#2F6DCB }
```

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

Here you see how a box with a 4 pixel #2F6DCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6DCB; -webkit-box-shadow:4px 4px  
4px 4px #2F6DCB; box-shadow:4px 4px 4px  
4px #2F6DCB }
```

Background

The CSS property to change the background color of an element to Hex 2F6DCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6DCB }
```

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

```
.background{ background-color:#2F6DCB }
```

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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