

Converting Colors

Hex(2F6AC2)

Have a look what the booklet for
Hex(2F6AC2) contains.

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Color

Hex(2F6AC2)

Conversions

Conversions Part 1

Format	Color
Hex	2F6AC2
RGB	47, 106, 194
RGB Percent	18%, 42%, 76%
CMY	0.8157, 0.5843, 0.2392
CMYK	0.76, 0.45, 0.00, 0.24
HSL	216°, 61%, 47%
HSV	216°, 76%, 76%
XYZ	16.0639, 14.8074, 53.0504
YIQ	98.3910, -63.4120, 14.8600

Conversions

Conversions Part 2

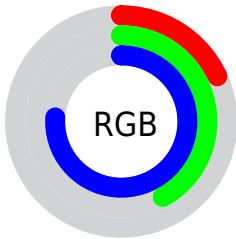
Format	Color
RYB	47, 89, 194
Decimal	3107522
CIELab	45.37, 11.92, -51.57
CIElCh	45, 52.927, 283.017
Yxy	14.8074, 0.1914, 0.1764
Android (android.graphics.Color)	4281297602 (0xFF2F6AC2)
YUV	98.3910, 47.1352, -45.0699
Hunter-Lab	38.4804, 7.1753, -54.8028

Details

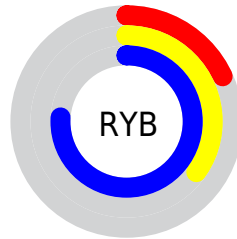
The Hex color **2F6AC2** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **C2872F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **719DFB**, and **003C8C** is the 20% darker color. If you saturate the color by 10%, you get **1C5EC2**, and if you desaturate by 10%, it is **4276C2**.

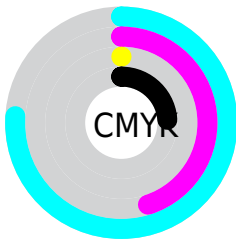
Distribution



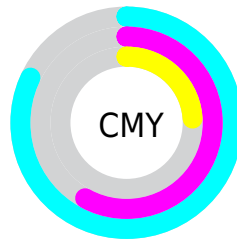
- Red (18%)
- Green (42%)
- Blue (76%)



- Red (18%)
- Yellow (35%)
- Blue (76%)



- Cyan (76%)
- Magenta (45%)
- Yellow (0%)
- Black (24%)



- Cyan (82%)
- Magenta (58%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6AC2 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 2F6AC2 by changing the saturation by 10% instead.

■ 2F6AC2

■ 2F6AC2

FFFFFF

■ 0052A6

■ 719DFB

■ 003C8C

■ 8FB7FF

■ 002772

■ ADD3FF

■ 001458

■ CAEFFF

■ 000740

■ E8FFFF

■ 000329

■ 000113

■ 000000

■ 2F6AC2

■ 2F6AC2

■ 1C5EC2

■ 4276C2

■ 0853C2

■ 5681C2

■ 004EC2

■ 698DC2

■ 7D98C2

■ 90A4C2

■ A3B0C2

■ B7BBC2

■ CAC7C2

■ DED3C2

Harmonies

Analogous

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



0077C0



2F6AC2



8657AD

Triad

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



2F6AC2



B04D31



007E50

Complementary

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



2F6AC2



C2872F

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.



3C7925



2F6AC2



95600B

Square

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



2F6AC2



BB3F5A



6F6F00



00807E

Rectangle

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



2F6AC2



A44994



6F6F00



007D41

Sweetspot

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



2F6AC2



C2DAFC



2FC285



5C6A80



000000



808080

Same Dimension

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



2F6AC2



1773FC



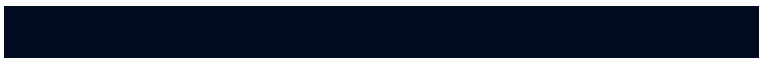
3B2FC2



575B61



0040A1



000D21

Inverse Universe

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



C22F6A



FC1773



B6C22F



61575B



A10040



21000D

Previews

White Background



This preview shows how the Hex color 2F6AC2 looks on a white background.

Color Contrast Check

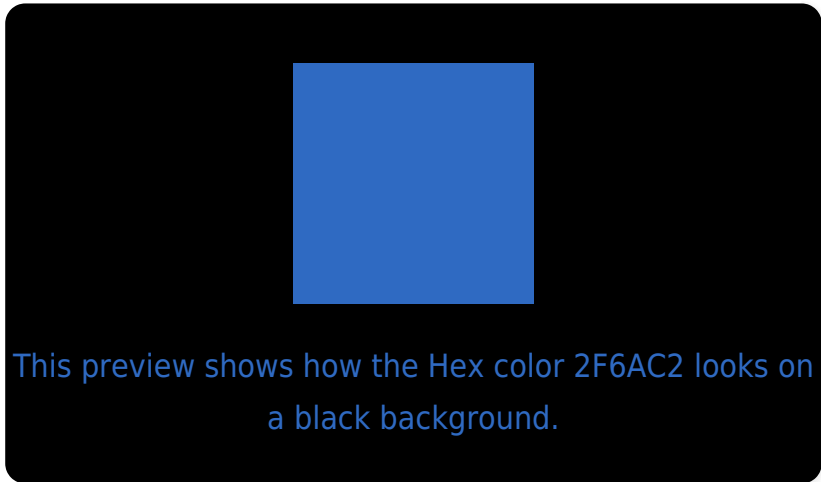
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

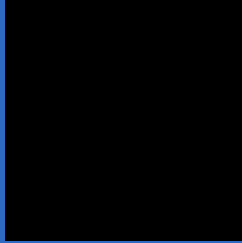
Any Text WCAG AA × Fail

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 2F6AC2 Background



This preview shows how black text looks on a background with the Hex color 2F6AC2.

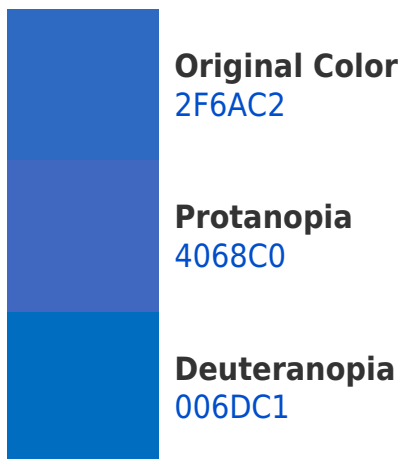


This preview shows how white text looks on a background with the Hex color 2F6AC2.

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



Trichromacy



Original Color
2F6AC2

Protanomaly
3A69C1

Deuteranomaly
116CC1

Monochromacy



Original Color
2F6AC2

Achromatopsia
626262

Achromatomaly
4F6585

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6AC2 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 #2F6AC2 looks like.

```
.text, #text, p{  
    color:#2F6AC2  
}
```

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 #2F6AC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6AC2
}
```

Border

The CSS property to change the border of an element to Hex 2F6AC2 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
#2F6AC2 }
```

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

```
.border{ border-color:#2F6AC2 }
```

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

Here you see how a box with a 4 pixel #2F6AC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6AC2; -webkit-box-shadow:4px 4px  
4px 4px #2F6AC2; box-shadow:4px 4px 4px  
4px #2F6AC2 }
```

Background

The CSS property to change the background color of an element to Hex 2F6AC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6AC2 }
```

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

```
.background{ background-color:#2F6AC2 }
```

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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