

Converting Colors

Hex(2F52C8)

Have a look what the booklet for
Hex(2F52C8) contains.

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Color

Hex(2F52C8)

Conversions

Conversions Part 1

Format	Color
Hex	2F52C8
RGB	47, 82, 200
RGB Percent	18%, 32%, 78%
CMY	0.8157, 0.6784, 0.2157
CMYK	0.77, 0.59, 0.00, 0.22
HSL	226°, 62%, 48%
HSV	226°, 76%, 78%
XYZ	14.6149, 10.8091, 55.9596
YIQ	84.9870, -58.7380, 29.2780

Conversions

Conversions Part 2

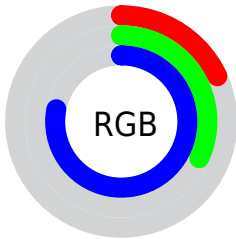
Format	Color
RYB	47, 75, 200
Decimal	3101384
CIELab	39.26, 29.69, -64.93
CIELCh	39, 71.398, 294.574
Yxy	10.8091, 0.1796, 0.1328
Android (android.graphics.Color)	4281291464 (0xFF2F52C8)
YUV	84.9870, 56.7014, -33.3146
Hunter-Lab	32.8771, 21.8139, -77.9026

Details

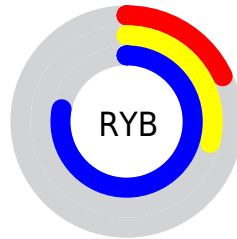
The Hex color **2F52C8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C8A52F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7483FF**, and **002691** is the 20% darker color. If you saturate the color by 10%, you get **1B43C8**, and if you desaturate by 10%, it is **4361C8**.

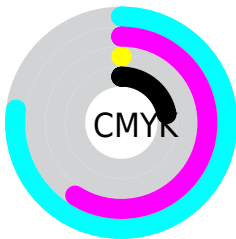
Distribution



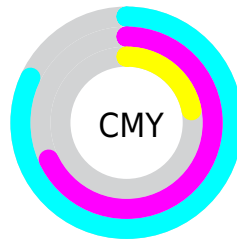
- Red (18%)
- Green (32%)
- Blue (78%)



- Red (18%)
- Yellow (29%)
- Blue (78%)



- Cyan (77%)
- Magenta (59%)
- Yellow (0%)
- Black (22%)



- Cyan (82%)
- Magenta (68%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F52C8 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 2F52C8 by changing the saturation by 10% instead.

■ 2F52C8

■ 2F52C8

FFFFFF

■ 003BAC

■ 7483FF

■ 002691

■ 929DFF

■ 001476

■ B0B8FF

■ 00005D

■ CED3FF

■ 000844

■ EDF0FF

■ 00032D

■ 000117

■ 000000

■ 2F52C8

■ 2F52C8

■ 1B43C8

■ 4361C8

■ 0733C8

■ 5771C8

■ 002EC8

■ 6B80C8

■ 7F90C8

■ 939FC8

■ A7AFC8

■ BBBEC8

■ CFCDC8

■ E3DDC8

Harmonies

Analogous

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



0068D2



2F52C8



952CA1

Triad

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



2F52C8



A43A00



007350

Complementary

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



2F52C8



C8A52F

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.



00700A



2F52C8



7A5700

Square

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



2F52C8



BC0031



436700



00748C

Rectangle

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



2F52C8



B2007D



436700



00723B

Sweetspot

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



2F52C8



C4D2FF



2FC8A4



5C6480



000000



808080

Same Dimension

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



2F52C8



144AFF



582FC8



5A5C63



0025A3



000824

Inverse Universe

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



C82F52



FF144A



9FC82F



635A5C



A30025



240008

Previews

White Background



This preview shows how the Hex color 2F52C8 looks on a white background.

Color Contrast Check

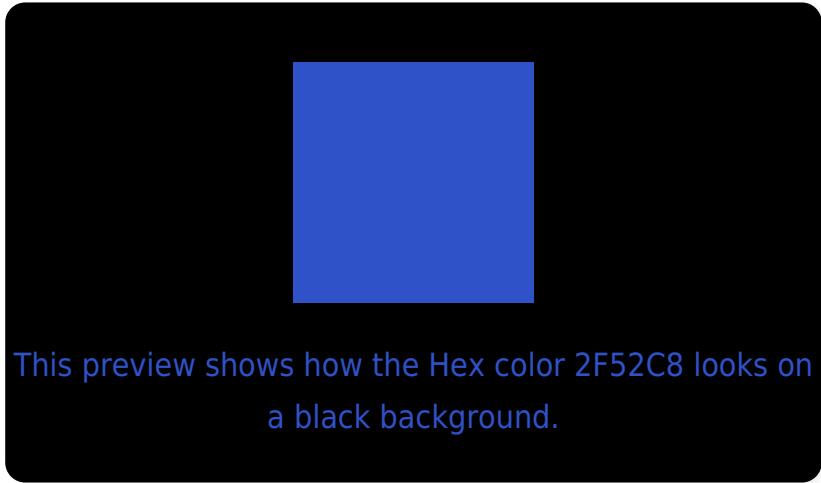
Large Text (above 18pt) WCAG AA ✓ Pass

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

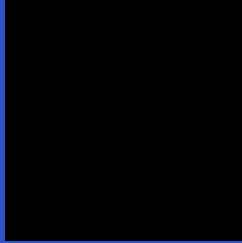
Any Text WCAG AA × Fail

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 2F52C8 Background



This preview shows how black text looks on a background with the Hex color 2F52C8.

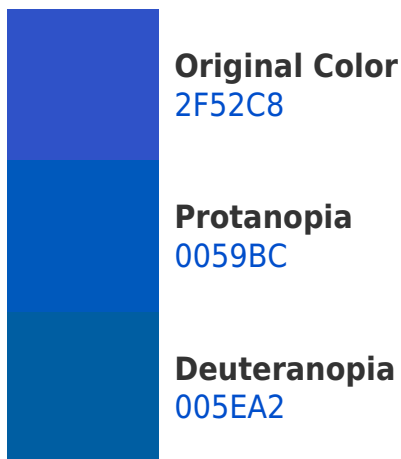


This preview shows how white text looks on a background with the Hex color 2F52C8.

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](#).

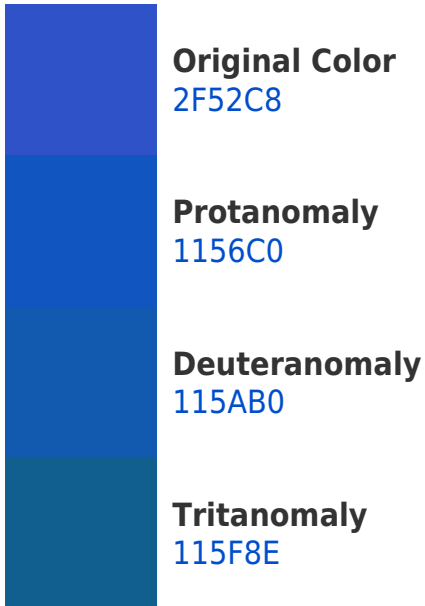
Dichromacy





Tritanopia
00666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F52C8 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 #2F52C8 looks like.

```
.text, #text, p{  
    color:#2F52C8  
}
```

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 #2F52C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F52C8
}
```

Border

The CSS property to change the border of an element to Hex 2F52C8 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
#2F52C8 }
```

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

```
.border{ border-color:#2F52C8 }
```

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

Here you see how a box with a 4 pixel #2F52C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F52C8; -webkit-box-shadow:4px 4px  
4px 4px #2F52C8; box-shadow:4px 4px 4px  
4px #2F52C8 }
```

Background

The CSS property to change the background color of an element to Hex 2F52C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F52C8 }
```

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

```
.background{ background-color:#2F52C8 }
```

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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