

Converting Colors

Hex(2F49A3)

Have a look what the booklet for
Hex(2F49A3) contains.

Hex(2F49A3)	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(2F49A3)

Conversions

Conversions Part 1

Format	Color
Hex	2F49A3
RGB	47, 73, 163
RGB Percent	18%, 29%, 64%
CMY	0.8157, 0.7137, 0.3608
CMYK	0.71, 0.55, 0.00, 0.36
HSL	227°, 55%, 41%
HSV	227°, 71%, 64%
XYZ	10.1657, 8.0138, 35.6614
YIQ	75.4860, -44.3860, 22.4780

Conversions

Conversions Part 2

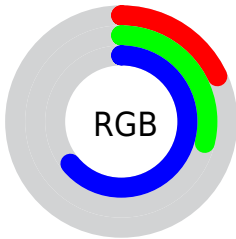
Format	Color
R_{YB}	47, 68, 163
Decimal	3099043
CIE _{Lab}	34.01, 21.77, -51.63
CIE _{LCh}	34, 56.037, 292.863
Yxy	8.0138, 0.1888, 0.1488
Android (android.graphics.Color)	4281289123 (0xFF2F49A3)
YUV	75.4860, 43.1444, -24.9822
Hunter-Lab	28.3086, 14.5598, -54.8737

Details

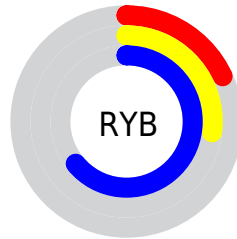
The Hex color **2F49A3** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A3892F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6C79DB**, and **001E6E** is the 20% darker color. If you saturate the color by 10%, you get **1F3CA3**, and if you desaturate by 10%, it is **3F56A3**.

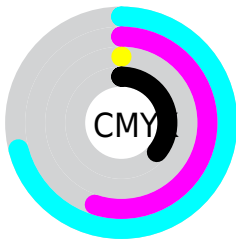
Distribution



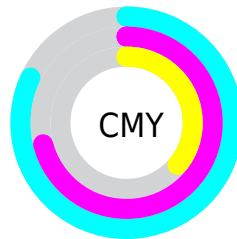
- Red (18%)
- Green (29%)
- Blue (64%)



- Red (18%)
- Yellow (27%)
- Blue (64%)



- Cyan (71%)
- Magenta (55%)
- Yellow (0%)
- Black (36%)



- Cyan (82%)
- Magenta (71%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F49A3 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 2F49A3 by changing the saturation by 10% instead.

■ 2F49A3

■ 2F49A3

FFFFFF

■ 003388

■ 6C79DB

■ 001E6E

■ 8893F7

■ 000955

■ A5ADFF

■ 00063D

■ C2C9FF

■ 000326

■ DF55FF

■ 000110

FDFFFF

■ 000000

■ 2F49A3

■ 2F49A3

■ 1F3CA3

■ 3F56A3

■ 0E30A3

■ 5062A3

■ 0025A3

■ 606FA3

■ 707CA3

■ 8188A3

■ 9195A3

■ A1A2A3

■ B1AEA3

■ C2BBA3

Harmonies

Analogous

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



0059A9



2F49A3



7A3186

Triad

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



2F49A3



8A3602



006244

Complementary

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



2F49A3



A3892F

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.



005F13



2F49A3



6B4A00

Square

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



2F49A3



9B1C31



425800



006372

Rectangle

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



2F49A3



911E6B



425800



006234

Sweetspot

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



2F49A3



A7B1D4



2FA388



50566B



EBEBEB



6B6B6B

Same Dimension

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



2F49A3



2048D4



4E2FA3



494B52



002191



000412

Inverse Universe

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



A32F49



D42048



84A32F



52494B



910021



120004

Previews

White Background



This preview shows how the Hex color 2F49A3 looks on a white background.

Color Contrast Check

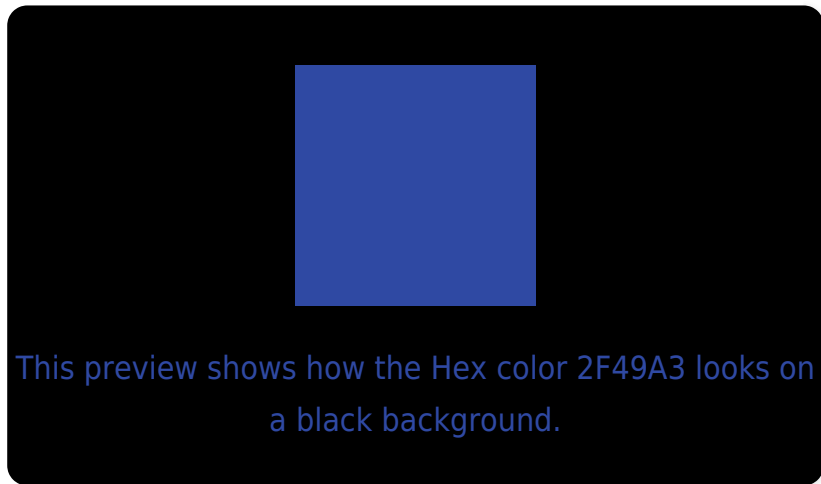
Large Text (above 18pt) WCAG AA ✓ Pass

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

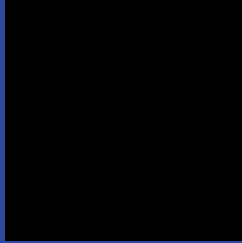
Any Text WCAG AA × Fail

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 2F49A3 Background



This preview shows how black text looks on a background with the Hex color 2F49A3.

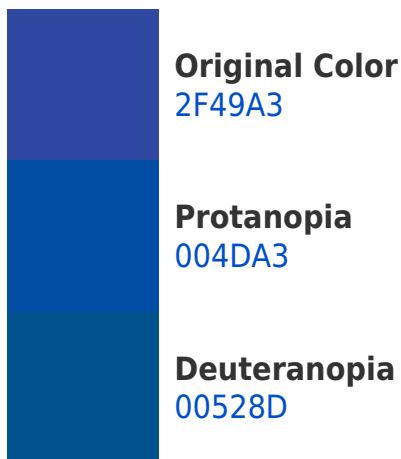


This preview shows how white text looks on a background with the Hex color 2F49A3.

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](#).

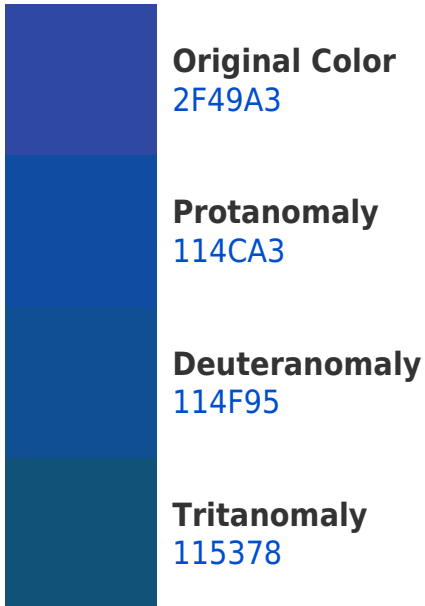
Dichromacy



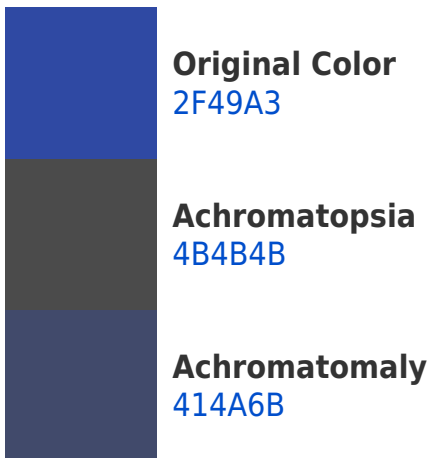


Tritanopia
00595F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F49A3 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 #2F49A3 looks like.

```
.text, #text, p{  
    color:#2F49A3  
}
```

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 #2F49A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F49A3
}
```

Border

The CSS property to change the border of an element to Hex 2F49A3 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
#2F49A3 }
```

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

```
.border{ border-color:#2F49A3 }
```

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

Here you see how a box with a 4 pixel #2F49A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F49A3; -webkit-box-shadow:4px 4px  
4px 4px #2F49A3; box-shadow:4px 4px 4px  
4px #2F49A3 }
```

Background

The CSS property to change the background color of an element to Hex 2F49A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F49A3 }
```

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

```
.background{ background-color:#2F49A3 }
```

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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