

Converting Colors

Hex(2F5A95)

Have a look what the booklet for
Hex(2F5A95) contains.

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Color

Hex(2F5A95)

Conversions

Conversions Part 1

Format	Color
Hex	2F5A95
RGB	47, 90, 149
RGB Percent	18%, 35%, 58%
CMY	0.8157, 0.6471, 0.4157
CMYK	0.68, 0.40, 0.00, 0.42
HSL	215°, 52%, 38%
HSV	215°, 68%, 58%
XYZ	10.2533, 10.0866, 29.8403
YIQ	83.8690, -44.5670, 9.2330

Conversions

Conversions Part 2

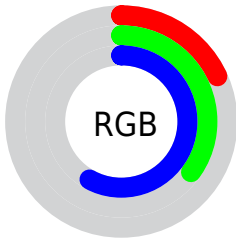
Format	Color
R_{YB}	47, 77, 149
Decimal	3103381
CIE _{Lab}	38.00, 5.27, -36.81
CIE _{LCh}	38, 37.187, 278.149
Yxy	10.0866, 0.2043, 0.2010
Android (android.graphics.Color)	4281293461 (0xFF2F5A95)
YUV	83.8690, 32.1096, -32.3341
Hunter-Lab	31.7594, 2.0484, -33.4757

Details

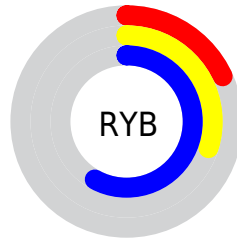
The Hex color **2F5A95** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **956A2F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **688CCC**, and **002D62** is the 20% darker color. If you saturate the color by 10%, you get **205195**, and if you desaturate by 10%, it is **3E6395**.

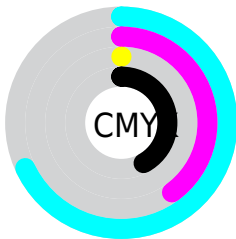
Distribution



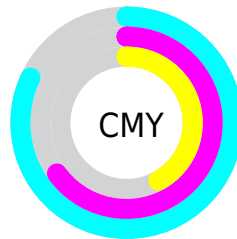
- Red (18%)
- Green (35%)
- Blue (58%)



- Red (18%)
- Yellow (30%)
- Blue (58%)



- Cyan (68%)
- Magenta (40%)
- Yellow (0%)
- Black (42%)



- Cyan (82%)
- Magenta (65%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F5A95 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 2F5A95 by changing the saturation by 10% instead.

■ 2F5A95

■ 2F5A95

FFFFFF

■ 05437B

■ 688CCC

■ 002D62

■ 84A6E8

■ 001949

■ A0C1FF

■ 000433

■ BDDDFE

■ 00021D

■ D9F9FF

■ 000000

■ F7FFFF

■ 2F5A95

■ 2F5A95

■ 205195

■ 3E6395

■ 114995

■ 4D6B95

■ 024095

■ 5C7495

■ 003F95

■ 6B7C95

■ 7A8595

■ 888E95

■ 979695

■ A69F95

■ B5A895

Harmonies

Analogous

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



006391



2F5A95



664E89

Triad

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



2F5A95



8D4536



0A6742

Complementary

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



2F5A95



956A2F

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.



426228



2F5A95



7C5020

Square

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



2F5A95



913E52



625B1A



006861

Rectangle

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



2F5A95



7C467A



625B1A



256538

Sweetspot

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



2F5A95



99AAC2



2F9569



495361



E0E0E0



616161

Same Dimension

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



2F5A95



2366C2



362F95



43464A



003A8A



00040A

Inverse Universe

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



952F5A



C22366



8E952F



4A4346



8A003A



0A0004

Previews

White Background



This preview shows how the Hex color 2F5A95 looks on a white background.

Color Contrast Check

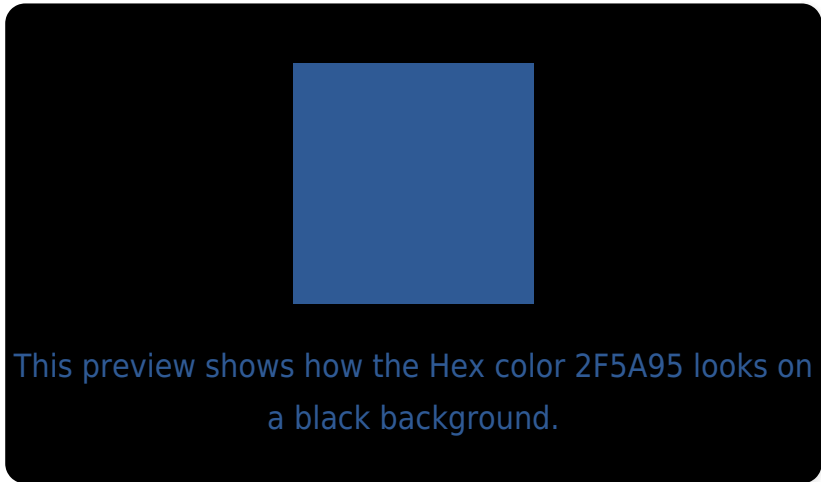
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F5A95 Background



This preview shows how black text looks on a background with the Hex color 2F5A95.



This preview shows how white text looks on a background with the Hex color 2F5A95.

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
2F5A95

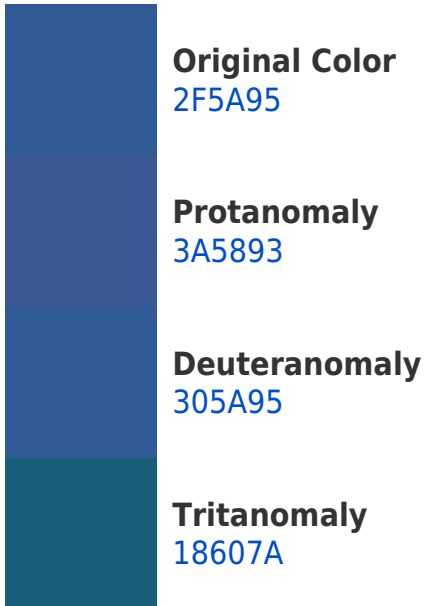
Protanopia
415792

Deuteranopia
305A95

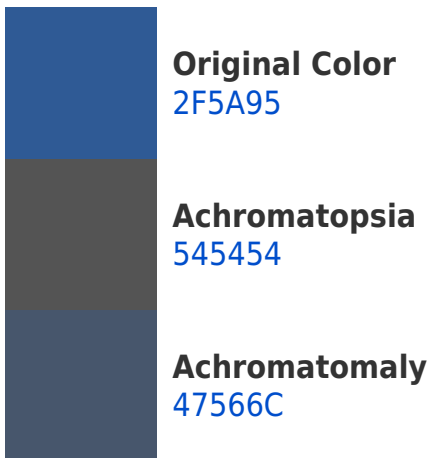


Tritanopia
0B636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F5A95 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 #2F5A95 looks like.

```
.text, #text, p{  
    color:#2F5A95  
}
```

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 #2F5A95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F5A95
}
```

Border

The CSS property to change the border of an element to Hex 2F5A95 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
#2F5A95 }
```

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

```
.border{ border-color:#2F5A95 }
```

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

Here you see how a box with a 4 pixel #2F5A95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F5A95; -webkit-box-shadow:4px 4px  
4px 4px #2F5A95; box-shadow:4px 4px 4px  
4px #2F5A95 }
```

Background

The CSS property to change the background color of an element to Hex 2F5A95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F5A95 }
```

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

```
.background{ background-color:#2F5A95 }
```

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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