

# Converting Colors

Hex(4F2B91)

Have a look what the booklet for  
Hex(4F2B91) contains.

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# Color

**Hex(4F2B91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F2B91
RGB	79, 43, 145
RGB Percent	31%, 17%, 57%
CMY	0.6902, 0.8314, 0.4314
CMYK	0.46, 0.70, 0.00, 0.43
HSL	261°, 54%, 37%
HSV	261°, 70%, 57%
XYZ	9.1992, 5.4344, 27.3521
YIQ	65.3920, -11.2860, 39.3540

# Conversions

## Conversions Part 2

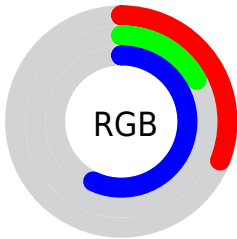
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 43, 145
Decimal	5188497
CIE <sub>Lab</sub>	27.94, 40.18, -50.44
CIE <sub>LCh</sub>	28, 64.485, 308.539
Yxy	5.4344, 0.2191, 0.1294
Android (android.graphics.Color)	4283378577 (0xFF4F2B91)
YUV	65.3920, 39.2467, 11.9342
Hunter-Lab	23.3117, 29.6434, -53.2481

# Details

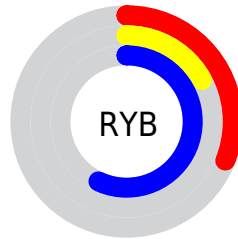
The Hex color **4F2B91** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6D912B**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **865BC8**, and **13005D** is the 20% darker color. If you saturate the color by 10%, you get **461D91**, and if you desaturate by 10%, it is **583A91**.

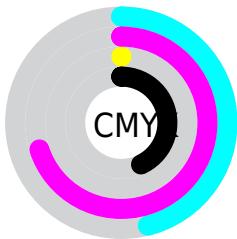
# Distribution



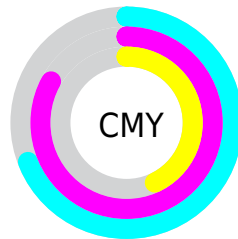
- Red (31%)
- Green (17%)
- Blue (57%)



- Red (31%)
- Yellow (17%)
- Blue (57%)



- Cyan (46%)
- Magenta (70%)
- Yellow (0%)
- Black (43%)



- Cyan (69%)
- Magenta (83%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F2B91 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 4F2B91 by changing the saturation by 10% instead.



■ 4F2B91

■ 4F2B91

FFFFFF

■ 331377

■ 865BC8

■ 13005D

■ A175E4

■ 000045

■ BE8FFF

■ 00032E

■ DBAAFF

■ 000118

■ F8C5FF

■ 000000

■ FFE2FF

■ 4F2B91

■ 4F2B91

■ 461D91

■ 583A91

■ 3C0E91

■ 624891

■ 330091

■ 6B5791

■ 756591

■ 7E7491

■ 878291

■ 919191

■ 9A9F91

■ A3AE91

# Harmonies

## Analogous

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



0045A6



4F2B91



840067

# Triad

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



4F2B91



6E3100



00554F

# Complementary

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



4F2B91



6D912B

# 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.



00531A



4F2B91



454500

# Square

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



4F2B91



8A0202



004F00



005580

# Rectangle

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



4F2B91



920047



004F00



00553E



# Sweetspot

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



4F2B91



A395BD



2B6D91



4F475E



DEDEDE



5E5E5E



# Same Dimension

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



4F2B91



561EBD



822B91



434047



300087



030008



# Inverse Universe

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



912B6D



BD1E85



3A912B



474045



870057

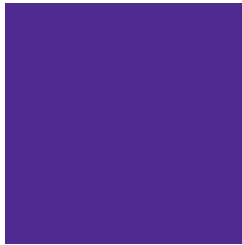


080005



# Previews

## White Background



This preview shows how the Hex color 4F2B91 looks on a white background.

## Color Contrast Check

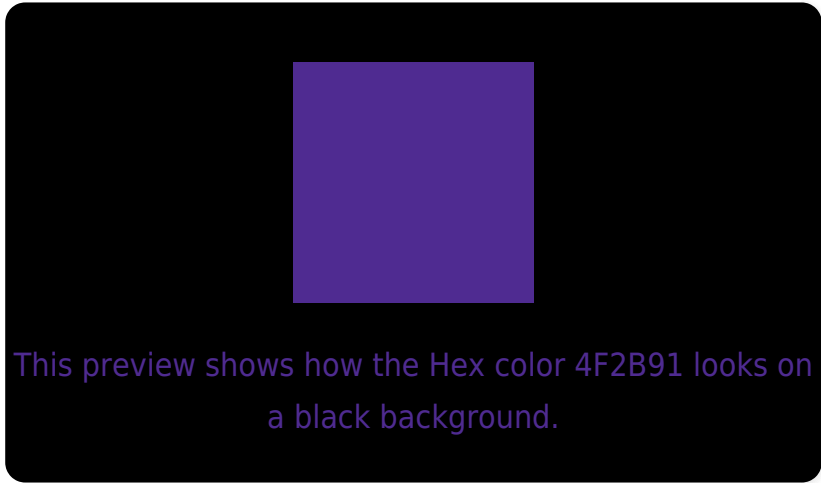
Large Text (above 18pt) WCAG AA ✓ Pass

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

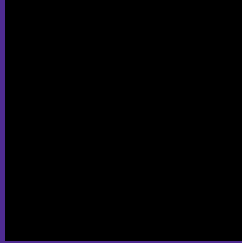
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F2B91 Background



This preview shows how black text looks on a background with the Hex color 4F2B91.

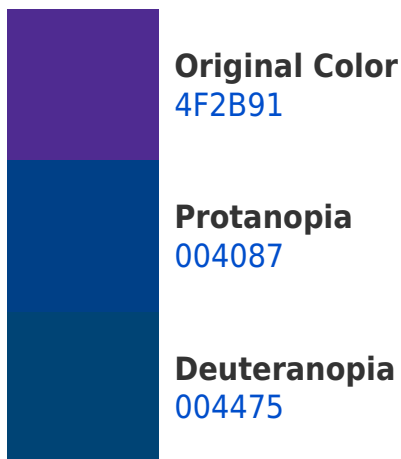


This preview shows how white text looks on a background with the Hex color 4F2B91.

# 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](#).

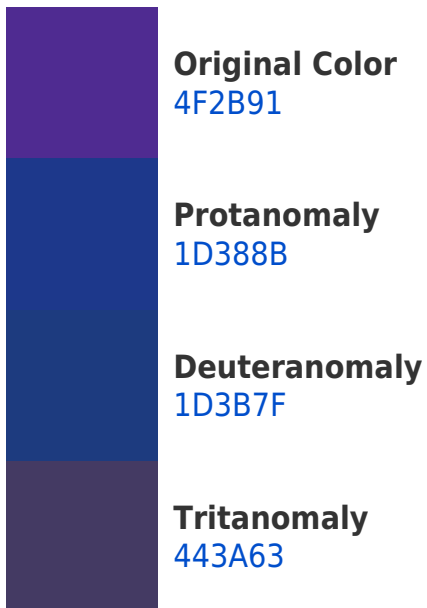
## Dichromacy



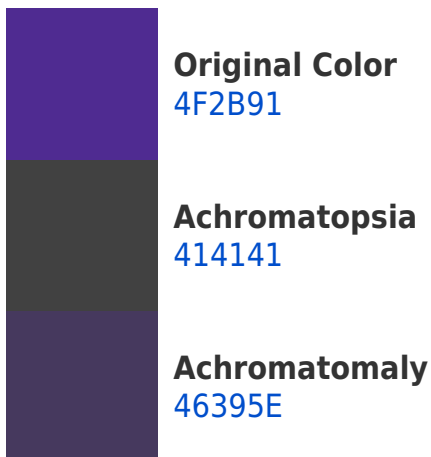


**Tritanopia**  
3D4349

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F2B91 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 #4F2B91 looks like.

```
.text, #text, p{  
    color:#4F2B91  
}
```

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 #4F2B91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2B91
}
```

## Border

The CSS property to change the border of an element to Hex 4F2B91 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
#4F2B91 }
```

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

```
.border{ border-color:#4F2B91 }
```

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

Here you see how a box with a 4 pixel #4F2B91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2B91; -webkit-box-shadow:4px 4px  
4px 4px #4F2B91; box-shadow:4px 4px 4px  
4px #4F2B91 }
```

# Background

The CSS property to change the background color of an element to Hex 4F2B91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2B91 }
```

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

```
.background{ background-color:#4F2B91 }
```

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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