

# Converting Colors

Hex(6A2F91)

Have a look what the booklet for  
Hex(6A2F91) contains.

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# Color

**Hex(6A2F91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A2F91
RGB	106, 47, 145
RGB Percent	42%, 18%, 57%
CMY	0.5843, 0.8157, 0.4314
CMYK	0.27, 0.68, 0.00, 0.43
HSL	276°, 51%, 38%
HSV	276°, 68%, 57%
XYZ	12.0712, 7.1415, 27.5303
YIQ	75.8130, 3.7060, 42.9860

# Conversions

## Conversions Part 2

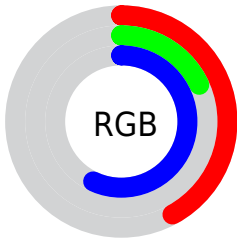
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 47, 145
Decimal	6958993
CIE <sub>Lab</sub>	32.13, 43.88, -43.49
CIE <sub>LCh</sub>	32, 61.784, 315.258
Yxy	7.1415, 0.2582, 0.1528
Android (android.graphics.Color)	4285149073 (0xFF6A2F91)
YUV	75.8130, 34.1092, 26.4740
Hunter-Lab	26.7237, 33.8630, -42.3731

# Details

The Hex color **6A2F91** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **56912F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A061C8**, and **35005E** is the 20% darker color. If you saturate the color by 10%, you get **642091**, and if you desaturate by 10%, it is **703D91**.

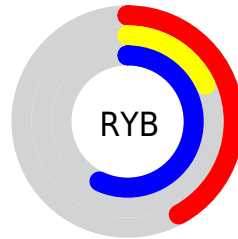
# Distribution



Red (42%)

Green (18%)

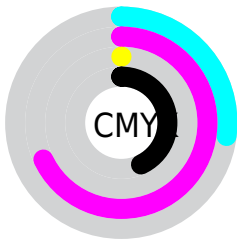
Blue (57%)



Red (42%)

Yellow (18%)

Blue (57%)

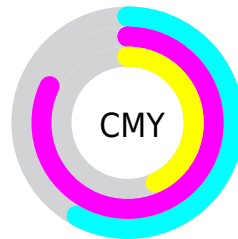


Cyan (27%)

Magenta (68%)

Yellow (0%)

Black (43%)



Cyan (58%)

Magenta (82%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A2F91 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 6A2F91 by changing the saturation by 10% instead.



6A2F91

6A2F91

FFFFFF

501577

A061C8

35005E

BC7BE4

1E0045

D996FF

00002E

F6B1FF

000118

FFCDFF

000000

FFEAFF

6A2F91

6A2F91

642091

703D91

■ 5E1291

■ 764C91

■ 590391

■ 7B5B91

■ 570091

■ 816991

■ 877791

■ 8D8691

■ 929491

■ 98A391

■ 9EB191

# Harmonies

## Analogous

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



004AAB



6A2F91



940066

# Triad

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



6A2F91



714100



005F64

# Complementary

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



6A2F91



56912F

# 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.



005E31



6A2F91



475100

# Square

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



6A2F91



8F2402



005A00



005E91

# Rectangle

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



6A2F91



9D0045



005A00



005F53



# Sweetspot

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



6A2F91



AE97BD



2F5691



55485E



DEDEDE



5E5E5E



# Same Dimension

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



6A2F91



8024BD



912F87



454047



510087



050008



# Inverse Universe

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



912F56



BD2461



2F9139



474043



870036



080003



# Previews

## White Background



This preview shows how the Hex color 6A2F91 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

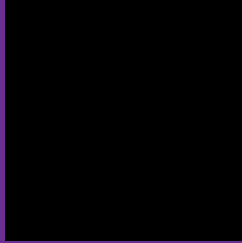
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A2F91 Background



This preview shows how black text looks on a background with the Hex color 6A2F91.

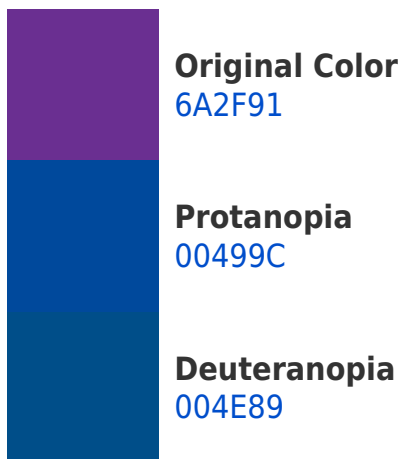


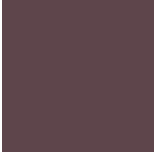
This preview shows how white text looks on a background with the Hex color 6A2F91.

# 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](#).

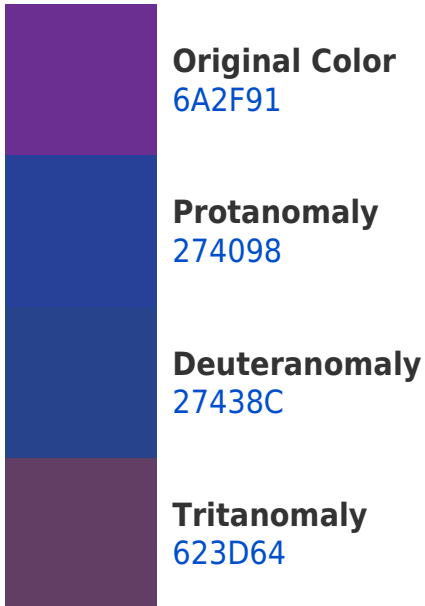
## Dichromacy



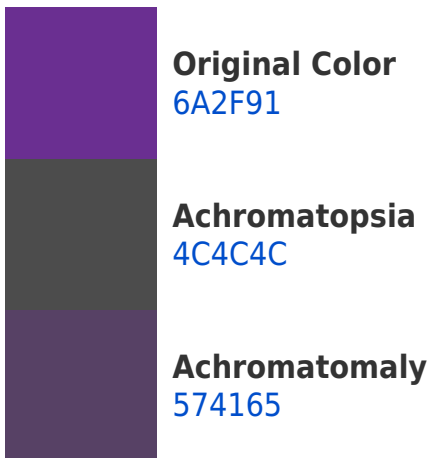


**Tritanopia**  
5E454B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A2F91 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 #6A2F91 looks like.

```
.text, #text, p{  
    color:#6A2F91  
}
```

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 #6A2F91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2F91
}
```

## Border

The CSS property to change the border of an element to Hex 6A2F91 is called "border". The border property can be set on classes, ids or directly on the HTML element.

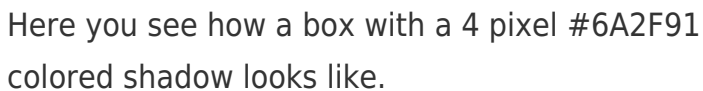
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2F91 }
```

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

```
.border{ border-color:#6A2F91 }
```

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



Here you see how a box with a 4 pixel #6A2F91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2F91; -webkit-box-shadow:4px 4px  
4px 4px #6A2F91; box-shadow:4px 4px 4px  
4px #6A2F91 }
```

# Background

The CSS property to change the background color of an element to Hex 6A2F91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2F91 }
```

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

```
.background{ background-color:#6A2F91 }
```

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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