

# Converting Colors

Hex(6A1F93)

Have a look what the booklet for  
Hex(6A1F93) contains.

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**Color**

**Hex(6A1F93)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A1F93
RGB	106, 31, 147
RGB Percent	42%, 12%, 58%
CMY	0.5843, 0.8784, 0.4235
CMYK	0.28, 0.79, 0.00, 0.42
HSL	279°, 65%, 35%
HSV	279°, 79%, 58%
XYZ	11.7003, 6.1507, 28.1743
YIQ	66.6490, 7.4640, 51.9760

# Conversions

## Conversions Part 2

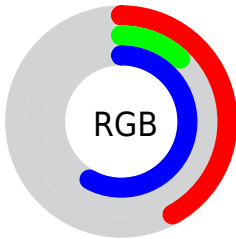
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 31, 147
Decimal	6954899
CIE <sub>Lab</sub>	29.79, 51.36, -48.50
CIE <sub>LCh</sub>	30, 70.638, 316.640
Yxy	6.1507, 0.2542, 0.1336
Android (android.graphics.Color)	4285144979 (0xFF6A1F93)
YUV	66.6490, 39.6130, 34.5108
Hunter-Lab	24.8007, 40.8105, -49.9948

# Details

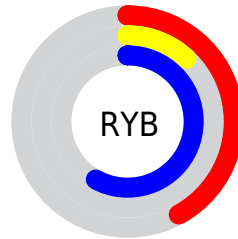
The Hex color **6A1F93** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **48931F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A154CA**, and **34005F** is the 20% darker color. If you saturate the color by 10%, you get **651093**, and if you desaturate by 10%, it is **6F2E93**.

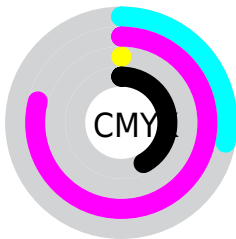
# Distribution



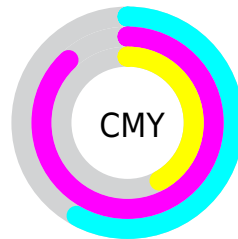
- Red (42%)
- Green (12%)
- Blue (58%)



- Red (42%)
- Yellow (12%)
- Blue (58%)



- Cyan (28%)
- Magenta (79%)
- Yellow (0%)
- Black (42%)



- Cyan (58%)
- Magenta (88%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A1F93 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 6A1F93 by changing the saturation by 10% instead.



6A1F93

6A1F93

FFFFFF

4F0079

A154CA

34005F

BE6FE6

1D0047

DA89FF

00002F

F8A5FF

00011A

FFC1FF

000000

FFDDFF

FFFAFF

6A1F93

6A1F93

■ 651093

■ 6F2E93

■ 600293

■ 743C93

■ 5F0093

■ 7A4B93

■ 7F5A93

■ 846993

■ 897793

■ 8E8693

■ 949593

■ 99A393

# Harmonies

## Analogous

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



0044B2



6A1F93



970061

# Triad

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



6A1F93



6B3B00



005B64

# Complementary

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



6A1F93



48931F

# 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.



005A2B



6A1F93



3A4D00

# Square

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



6A1F93



8E1200



005600



005B96

# Rectangle

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



6A1F93



A0003D



005600



005B52



# Sweetspot

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



6A1F93



AF91BF



1F4A93



574561



E0E0E0



616161



# Same Dimension

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



6A1F93



7F0ABF



931F84



47434A



59008A



07000A



# Inverse Universe

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



931F48



BF0A4A



1F932E



4A4345



8A0031

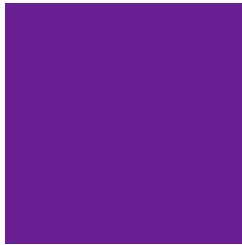


0A0004



# Previews

## White Background



This preview shows how the Hex color 6A1F93 looks on a white background.

## Color Contrast Check

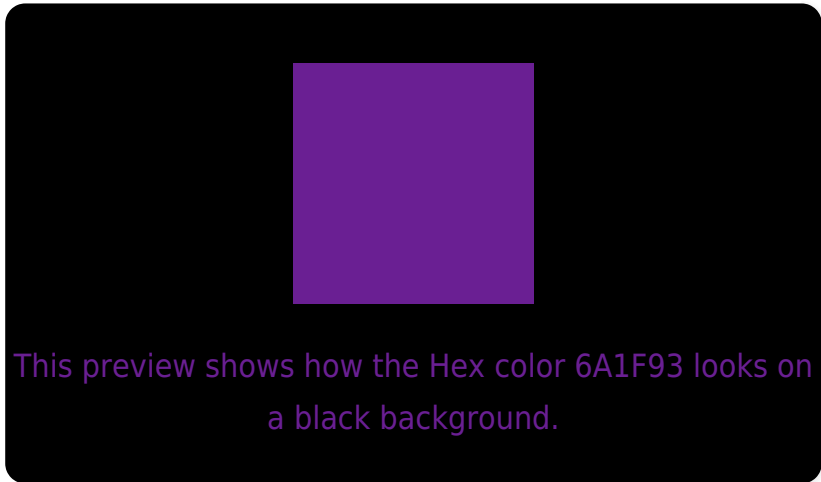
Large Text (above 18pt) WCAG AA ✓ Pass

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

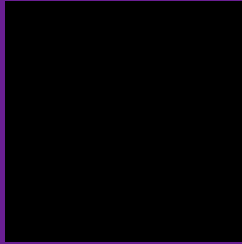
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A1F93 Background



This preview shows how black text looks on a background with the Hex color 6A1F93.

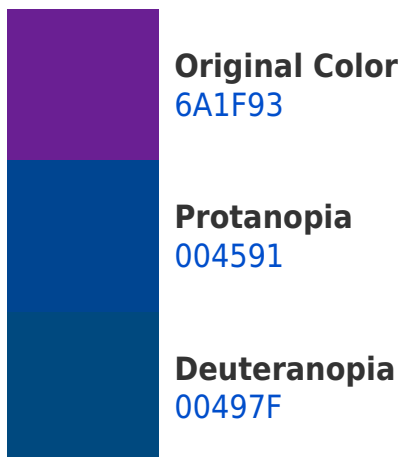


This preview shows how white text looks on a background with the Hex color 6A1F93.

# 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](#).

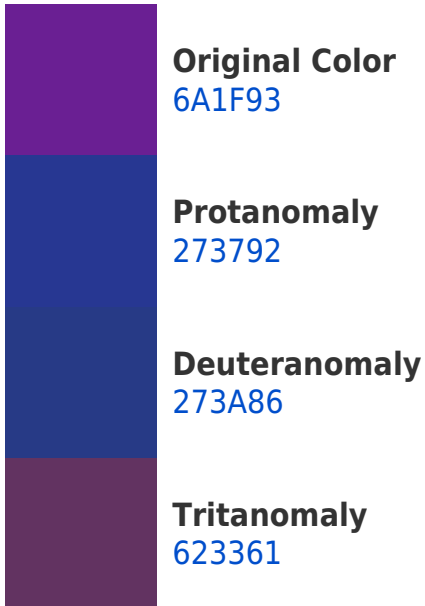
## Dichromacy



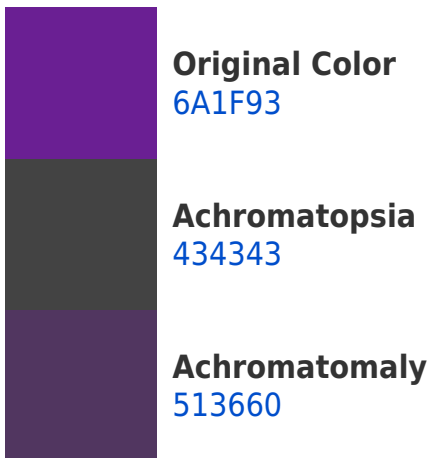


**Tritanopia**  
5D3F44

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A1F93 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 #6A1F93 looks like.

```
.text, #text, p{  
    color:#6A1F93  
}
```

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 #6A1F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1F93
}
```

## Border

The CSS property to change the border of an element to Hex 6A1F93 is called "border". The border property can be set on classes, ids or directly on the HTML element.

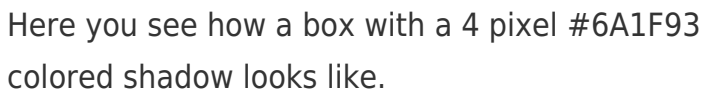
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A1F93 }
```

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

```
.border{ border-color:#6A1F93 }
```

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



Here you see how a box with a 4 pixel #6A1F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1F93; -webkit-box-shadow:4px 4px  
4px 4px #6A1F93; box-shadow:4px 4px 4px  
4px #6A1F93 }
```

# Background

The CSS property to change the background color of an element to Hex 6A1F93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1F93 }
```

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

```
.background{ background-color:#6A1F93 }
```

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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