

# Converting Colors

Hex(6A1F59)

Have a look what the booklet for  
Hex(6A1F59) contains.

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# Color

**Hex(6A1F59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A1F59
RGB	106, 31, 89
RGB Percent	42%, 12%, 35%
CMY	0.5843, 0.8784, 0.6510
CMYK	0.00, 0.71, 0.16, 0.58
HSL	314°, 55%, 27%
HSV	314°, 71%, 42%
XYZ	8.2370, 4.7654, 9.9369
YIQ	60.0370, 26.0820, 33.9380

# Conversions

## Conversions Part 2

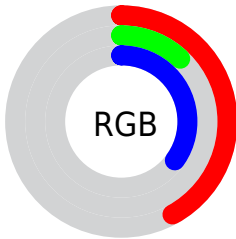
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 31, 89
Decimal	6954841
CIE <sub>Lab</sub>	26.06, 39.99, -17.54
CIE <sub>LCh</sub>	26, 43.667, 336.324
Yxy	4.7654, 0.3591, 0.2077
Android (android.graphics.Color)	4285144921 (0xFF6A1F59)
YUV	60.0370, 14.2788, 40.3096
Hunter-Lab	21.8298, 29.1510, -11.7078

# Details

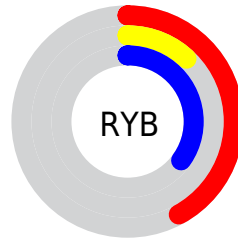
The Hex color **6A1F59** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1F6A30**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **A0528B**, and **37002B** is the 20% darker color. If you saturate the color by 10%, you get **6A1457**, and if you desaturate by 10%, it is **6A2A5B**.

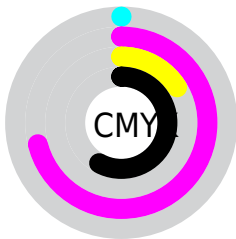
# Distribution



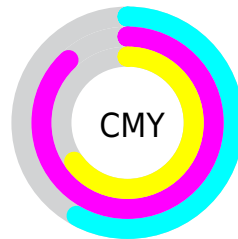
- Red (42%)
- Green (12%)
- Blue (35%)



- Red (42%)
- Yellow (12%)
- Blue (35%)



- Cyan (0%)
- Magenta (71%)
- Yellow (16%)
- Black (58%)



- Cyan (58%)
- Magenta (88%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A1F59 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 6A1F59 by changing the saturation by 10% instead.



6A1F59

6A1F59

FFFFFF

500041

A0528B

37002B

BB6BA6

200016

D886C1

000000

F5A1DD

FFBCF9

FFD8FF

FFF5FF

6A1F59

6A1F59

■ 6A1457

■ 6A2A5B

■ 6A0A54

■ 6A345E

■ 6A0052

■ 6A3F60

■ 6A4963

■ 6A5465

■ 6A5F67

■ 6A696A

■ 6A746C

■ 6A7E6F

# Harmonies

## Analogous

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



463174



6A1F59



771538

# Triad

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



6A1F59



463F00



004C64

# Complementary

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



6A1F59



1F6A30

# 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.



004C44



6A1F59



224600

# Square

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



6A1F59



613200



004B21



00487B

# Rectangle

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



6A1F59



761C23



004B21



004C5A



# Sweetspot

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



6A1F59



8A6D83



2F1F6A



453441



C4C4C4



454545



# Same Dimension

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



6A1F59



8A156F



6A1F34



363034



75005B



F500BD



# Inverse Universe

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



6A1F59



8A156F



1F6A55



363034



75005B

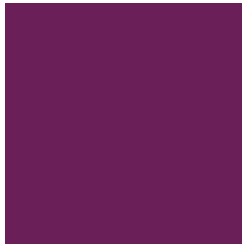


F500BD



# Previews

## White Background



This preview shows how the Hex color 6A1F59 looks on a white background.

## Color Contrast Check

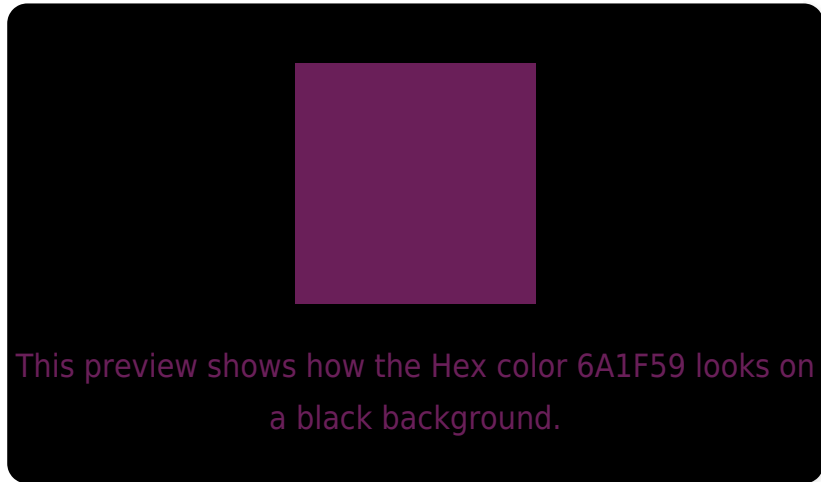
Large Text (above 18pt) WCAG AA ✓ Pass

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

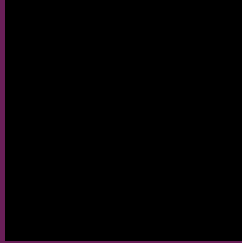
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A1F59 Background



This preview shows how black text looks on a background with the Hex color 6A1F59.

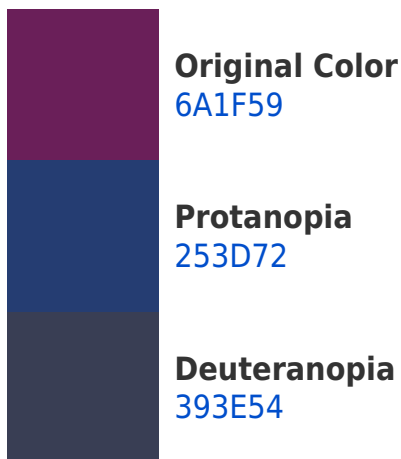


This preview shows how white text looks on a background with the Hex color 6A1F59.

# 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**  
662C2F

# Trichromacy



**Original Color**  
6A1F59

**Protanomaly**  
3E3269

**Deuteranomaly**  
4B3356

**Tritanomaly**  
67273E

# Monochromacy



**Original Color**  
6A1F59

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
4D3147

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A1F59 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 #6A1F59 looks like.

```
.text, #text, p{  
    color:#6A1F59  
}
```

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 #6A1F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1F59
}
```

## Border

The CSS property to change the border of an element to Hex 6A1F59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

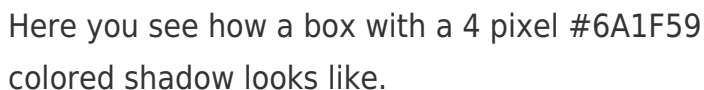
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A1F59 }
```

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

```
.border{ border-color:#6A1F59 }
```

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



Here you see how a box with a 4 pixel #6A1F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1F59; -webkit-box-shadow:4px 4px  
4px 4px #6A1F59; box-shadow:4px 4px 4px  
4px #6A1F59 }
```

# Background

The CSS property to change the background color of an element to Hex 6A1F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1F59 }
```

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

```
.background{ background-color:#6A1F59 }
```

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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