

# Converting Colors

Hex(6A1E88)

Have a look what the booklet for  
Hex(6A1E88) contains.

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# Color

**Hex(6A1E88)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A1E88
RGB	106, 30, 136
RGB Percent	42%, 12%, 53%
CMY	0.5843, 0.8824, 0.4667
CMYK	0.22, 0.78, 0.00, 0.47
HSL	283°, 64%, 33%
HSV	283°, 78%, 53%
XYZ	10.8521, 5.7703, 23.8344
YIQ	64.8080, 11.2700, 49.0780

# Conversions

## Conversions Part 2

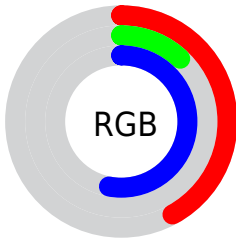
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 30, 136
Decimal	6954632
CIE <sub>Lab</sub>	28.83, 49.35, -43.25
CIE <sub>LCh</sub>	29, 65.621, 318.771
Yxy	5.7703, 0.2682, 0.1426
Android (android.graphics.Color)	4285144712 (0xFF6A1E88)
YUV	64.8080, 35.0977, 36.1254
Hunter-Lab	24.0214, 38.6027, -42.0133

# Details

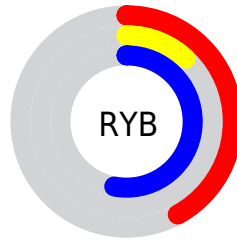
The Hex color **6A1E88** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **3C881E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **A153BE**, and **350055** is the 20% darker color. If you saturate the color by 10%, you get **661088**, and if you desaturate by 10%, it is **6E2C88**.

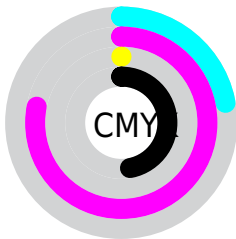
# Distribution



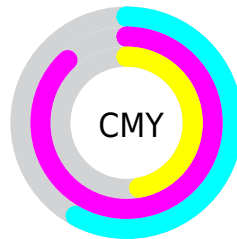
- Red (42%)
- Green (12%)
- Blue (53%)



- Red (42%)
- Yellow (12%)
- Blue (53%)



- Cyan (22%)
- Magenta (78%)
- Yellow (0%)
- Black (47%)



- Cyan (58%)
- Magenta (88%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A1E88 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 6A1E88 by changing the saturation by 10% instead.



6A1E88

6A1E88

FFFFFF

4F006E

A153BE

350055

BD6DDA

1F003E

DA88F7

000226

F7A3FF

000110

FFBFFF

000000

FFDBFF

FFF8FF

6A1E88

6A1E88

■ 661088

■ 6E2C88

■ 620388

■ 723988

■ 620088

■ 764788

■ 795488

■ 7D6288

■ 817088

■ 857D88

■ 898B88

■ 8D9888

# Harmonies

## Analogous

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



0040A6



6A1E88



910059

# Triad

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



6A1E88



643B00



005864

# Complementary

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



6A1E88



3C881E

# 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.



00562E



6A1E88



364B00

# Square

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



6A1E88



861B00



005300



005791

# Rectangle

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



6A1E88



980038



005300



005752



# Sweetspot

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



6A1E88



A487B0



1E3C88



524059



D9D9D9



595959



# Same Dimension

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



6A1E88



810BB0



881E71



433E45



5F0085



040005



# Inverse Universe

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



881E3C



B00B39



1E8835



453E40



850026



050001



# Previews

## White Background



This preview shows how the Hex color 6A1E88 looks on a white background.

## Color Contrast Check

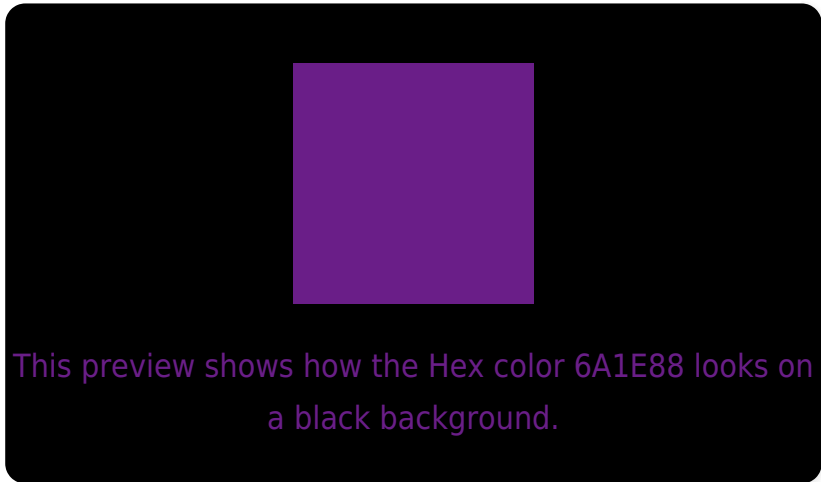
Large Text (above 18pt) WCAG AA ✓ Pass

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

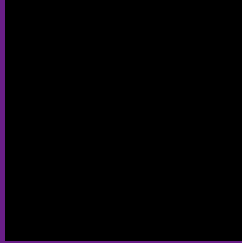
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A1E88 Background



This preview shows how black text looks on a background with the Hex color 6A1E88.



This preview shows how white text looks on a background with the Hex color 6A1E88.

# 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**  
6A1E88

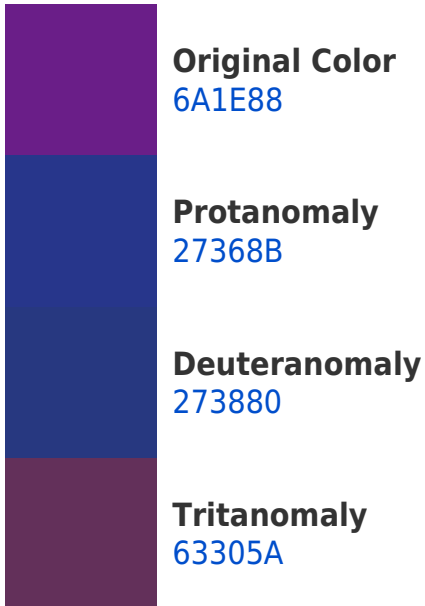
**Protanopia**  
00438D

**Deuteranopia**  
00477C

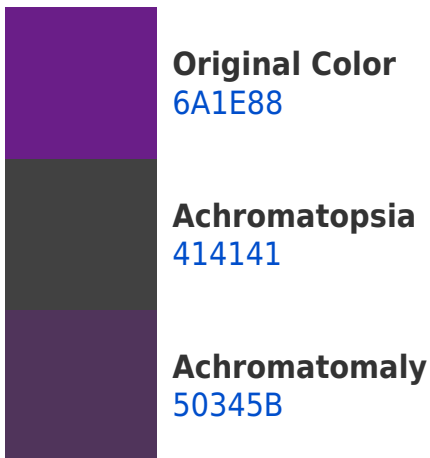


**Tritanopia**  
5F3B3F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A1E88 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 #6A1E88 looks like.

```
.text, #text, p{  
    color:#6A1E88  
}
```

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 #6A1E88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1E88
}
```

## Border

The CSS property to change the border of an element to Hex 6A1E88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

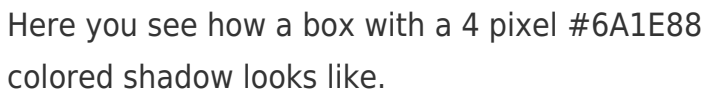
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A1E88 }
```

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

```
.border{ border-color:#6A1E88 }
```

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



Here you see how a box with a 4 pixel #6A1E88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1E88; -webkit-box-shadow:4px 4px  
4px 4px #6A1E88; box-shadow:4px 4px 4px  
4px #6A1E88 }
```

# Background

The CSS property to change the background color of an element to Hex 6A1E88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1E88 }
```

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

```
.background{ background-color:#6A1E88 }
```

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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