

# Converting Colors

Hex(6E2B98)

Have a look what the booklet for  
Hex(6E2B98) contains.

<b>Hex(6E2B98)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6E2B98)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E2B98
RGB	110, 43, 152
RGB Percent	43%, 17%, 60%
CMY	0.5686, 0.8314, 0.4039
CMYK	0.28, 0.72, 0.00, 0.40
HSL	277°, 56%, 38%
HSV	277°, 72%, 60%
XYZ	12.9618, 7.3097, 30.4335
YIQ	75.4590, 4.9430, 48.1030

# Conversions

## Conversions Part 2

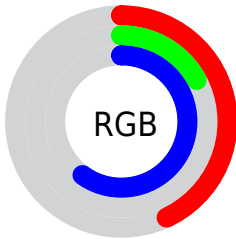
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 43, 152
Decimal	7220120
CIE <sub>Lab</sub>	32.50, 48.30, -47.14
CIE <sub>LCh</sub>	33, 67.494, 315.697
Yxy	7.3097, 0.2556, 0.1442
Android (android.graphics.Color)	4285410200 (0xFF6E2B98)
<b>YUV</b>	75.4590, 37.7347, 30.2925
Hunter-Lab	27.0365, 38.2620, -47.8138

# Details

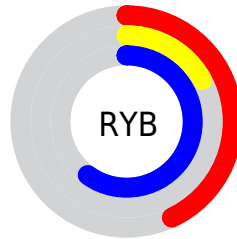
The Hex color **6E2B98** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **55982B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A55ECF**, and **380064** is the 20% darker color. If you saturate the color by 10%, you get **681C98**, and if you desaturate by 10%, it is **743A98**.

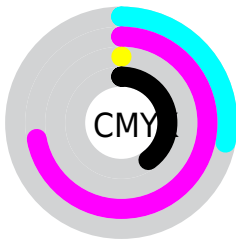
# Distribution



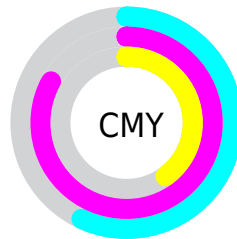
- Red (43%)
- Green (17%)
- Blue (60%)



- Red (43%)
- Yellow (17%)
- Blue (60%)



- Cyan (28%)
- Magenta (72%)
- Yellow (0%)
- Black (40%)



- Cyan (57%)
- Magenta (83%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E2B98 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 6E2B98 by changing the saturation by 10% instead.



6E2B98

6E2B98

FFFFFF

530E7E

A55ECF

380064

C179EC

1F004C

DE93FF

000034

FCAFFF

00021E

FFCBFF

000000

FFE7FF

6E2B98

6E2B98

681C98

743A98

620D98

7A4998

5D0098

805998

856898

8B7798

918698

979598

9DA598

A3B498

# Harmonies

## Analogous

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



004AB5



6E2B98



9B0068

# Triad

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



6E2B98



734100



006268

# Complementary

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



6E2B98



55982B

# 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.



006030



6E2B98



455300

# Square

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



6E2B98



951F00



005C00



006199

# Rectangle

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



6E2B98



A50045



005C00



006156



# Sweetspot

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



6E2B98



B499C4



2B5798



594A63



E3E3E3



636363



# Same Dimension

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



6E2B98



831BC4



982B8D



4A454D



56008C



08000D



# Inverse Universe

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



982B55



C41B5D



2B9836



4D4548



8C0036

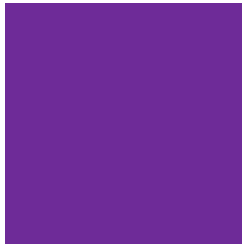


0D0005



# Previews

## White Background



This preview shows how the Hex color 6E2B98 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

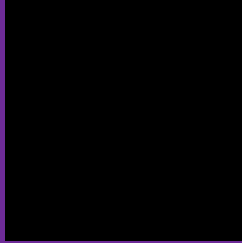
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E2B98 Background



This preview shows how black text looks on a background with the Hex color 6E2B98.



This preview shows how white text looks on a background with the Hex color 6E2B98.

# 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**  
6E2B98

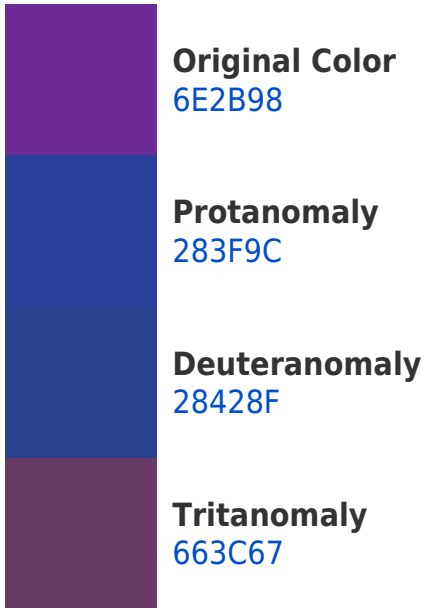
**Protanopia**  
004A9E

**Deuteranopia**  
004F8A

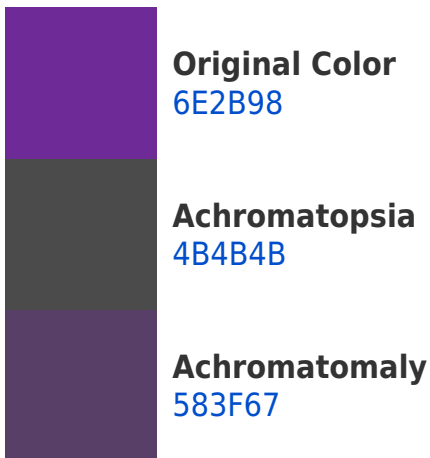


**Tritanopia**  
61464B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E2B98 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 #6E2B98 looks like.

```
.text, #text, p{  
    color:#6E2B98  
}
```

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 #6E2B98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E2B98
}
```

## Border

The CSS property to change the border of an element to Hex 6E2B98 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
#6E2B98 }
```

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

```
.border{ border-color:#6E2B98 }
```

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

Here you see how a box with a 4 pixel #6E2B98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E2B98; -webkit-box-shadow:4px 4px  
4px 4px #6E2B98; box-shadow:4px 4px 4px  
4px #6E2B98 }
```

# Background

The CSS property to change the background color of an element to Hex 6E2B98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E2B98 }
```

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

```
.background{ background-color:#6E2B98 }
```

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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