

# Converting Colors

Hex(7F2084)

Have a look what the booklet for  
Hex(7F2084) contains.

<b>Hex(7F2084)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7F2084)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F2084
RGB	127, 32, 132
RGB Percent	50%, 13%, 52%
CMY	0.5020, 0.8745, 0.4824
CMYK	0.04, 0.76, 0.00, 0.48
HSL	297°, 61%, 32%
HSV	297°, 76%, 52%
XYZ	13.4338, 7.2110, 22.5136
YIQ	71.8050, 24.5200, 51.2400

# Conversions

## Conversions Part 2

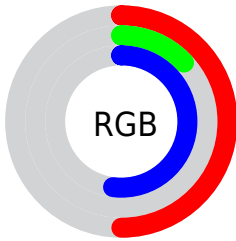
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 32, 132
Decimal	8331396
CIE <sub>Lab</sub>	32.28, 52.34, -35.02
CIE <sub>LCh</sub>	32, 62.971, 326.212
Yxy	7.2110, 0.3113, 0.1671
Android (android.graphics.Color)	4286521476 (0xFF7F2084)
YUV	71.8050, 29.6761, 48.4060
Hunter-Lab	26.8533, 42.3041, -30.9110

# Details

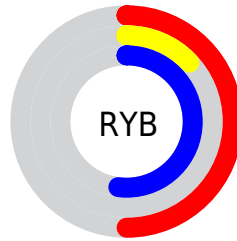
The Hex color **7F2084** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **258420**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **B757BA**, and **4A0052** is the 20% darker color. If you saturate the color by 10%, you get **7E1384**, and if you desaturate by 10%, it is **802D84**.

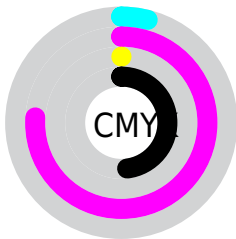
# Distribution



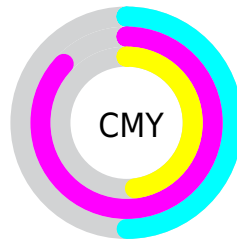
- Red (50%)
- Green (13%)
- Blue (52%)



- Red (50%)
- Yellow (13%)
- Blue (52%)



- Cyan (4%)
- Magenta (76%)
- Yellow (0%)
- Black (48%)



- Cyan (50%)
- Magenta (87%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F2084 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 7F2084 by changing the saturation by 10% instead.



7F2084

7F2084

FFFFFF

64006A

B757BA

4A0052

D372D6

32003A

F08DF2

140024

FFA9FF

00000B

FFC5FF

000000

FFE2FF

7F2084

7F2084

7E1384

802D84

7E0684

803A84

7D0084

814884

825584

826284

836F84

847C84

848A84

859784

# Harmonies

## Analogous

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



2E42A6



7F2084



9C0055

# Triad

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



7F2084



634800



006077

# Complementary

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



7F2084



258420

# 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.



005F44



7F2084



335600

# Square

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



7F2084



873000



005C0A



005E9F

# Rectangle

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



7F2084



9F0034



005C0A



006066



# Sweetspot

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



7F2084



A984AB



202584



553E57



D6D6D6



575757



# Same Dimension

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



7F2084



A30FAB



842057



423C42



7C0082



020003



# Inverse Universe

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



842025



AB0F17



20844D



423C3C



820007



030000



# Previews

## White Background



This preview shows how the Hex color 7F2084 looks on a white background.

## Color Contrast Check

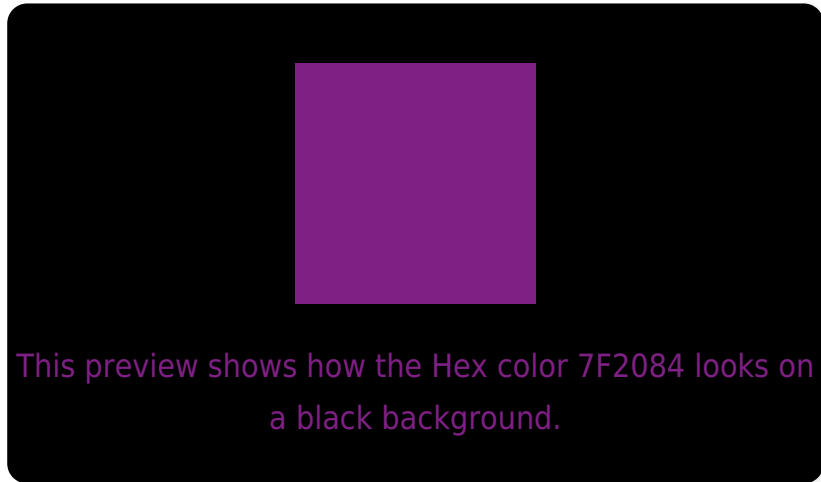
Large Text (above 18pt) WCAG AA ✓ Pass

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

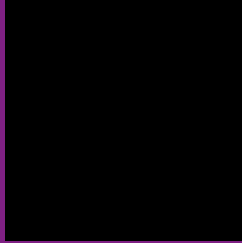
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F2084 Background



This preview shows how black text looks on a background with the Hex color 7F2084.

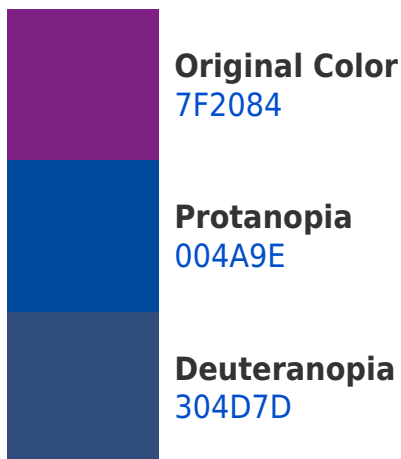


This preview shows how white text looks on a background with the Hex color 7F2084.

# 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**  
773A3E

# Trichromacy



**Original Color**

7F2084



**Protanomaly**

2E3B95



**Deuteranomaly**

4D3D80



**Tritanomaly**

7A3157

# Monochromacy



**Original Color**

7F2084



**Achromatopsia**

484848



**Achromatomaly**

5C395E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F2084 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 #7F2084 looks like.

```
.text, #text, p{  
    color:#7F2084  
}
```

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 #7F2084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2084
}
```

## Border

The CSS property to change the border of an element to Hex 7F2084 is called "border". The border property can be set on classes, ids or directly on the HTML element.

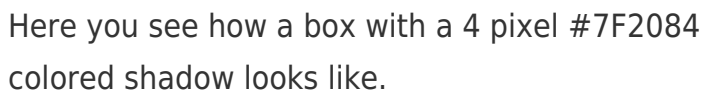
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F2084 }
```

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

```
.border{ border-color:#7F2084 }
```

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



Here you see how a box with a 4 pixel #7F2084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2084; -webkit-box-shadow:4px 4px  
4px 4px #7F2084; box-shadow:4px 4px 4px  
4px #7F2084 }
```

# Background

The CSS property to change the background color of an element to Hex 7F2084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2084 }
```

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

```
.background{ background-color:#7F2084 }
```

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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