

Converting Colors

Hex(7C50A4)

Have a look what the booklet for
Hex(7C50A4) contains.

Hex(7C50A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7C50A4)

Conversions

Conversions Part 1

Format	Color
Hex	7C50A4
RGB	124, 80, 164
RGB Percent	49%, 31%, 64%
CMY	0.5137, 0.6863, 0.3569
CMYK	0.24, 0.51, 0.00, 0.36
HSL	271°, 34%, 48%
HSV	271°, 51%, 64%
XYZ	17.8817, 12.7027, 36.6314
YIQ	102.7320, -0.7400, 35.4520

Conversions

Conversions Part 2

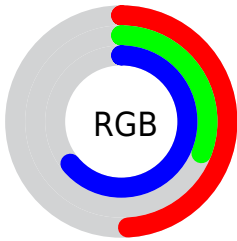
Format	Color
R_{YB}	124, 80, 164
Decimal	8147108
CIE _{Lab}	42.31, 35.16, -38.56
CIE _{LCh}	42, 52.183, 312.355
Yxy	12.7027, 0.2660, 0.1890
Android (android.graphics.Color)	4286337188 (0xFF7C50A4)
YUV	102.7320, 30.2051, 18.6520
Hunter-Lab	35.6409, 27.1851, -35.9890

Details

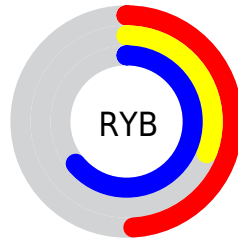
The Hex color **7C50A4** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **78A450**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B283DB**, and **482170** is the 20% darker color. If you saturate the color by 10%, you get **7440A4**, and if you desaturate by 10%, it is **8460A4**.

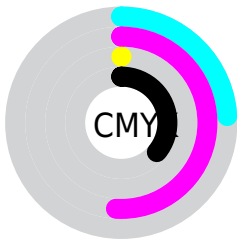
Distribution



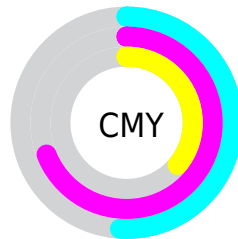
- Red (49%)
- Green (31%)
- Blue (64%)



- Red (49%)
- Yellow (31%)
- Blue (64%)



- Cyan (24%)
- Magenta (51%)
- Yellow (0%)
- Black (36%)



- Cyan (51%)
- Magenta (69%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C50A4 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 7C50A4 by changing the saturation by 10% instead.

7C50A4

7C50A4

FFFFFF

623889

B283DB

482170

CF9DF8

2F0857

EBB8FF

18003F

FFD4FF

000128

FFF1FF

000112

000000

7C50A4

7C50A4

7440A4

8460A4

6C2FA4

8C71A4

651FA4

9381A4

5D0EA4

9B92A4

5600A4

A3A2A4

ABB2A4

B3C3A4

BAD3A4

C2E4A4

Harmonies

Analogous

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



2063B8



7C50A4



A43D7F

Triad

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



7C50A4



8D5803



007875

Complementary

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



7C50A4



78A450

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.



007648



7C50A4



686700

Square

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



7C50A4



A7452B



37711D



00769D

Rectangle

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



7C50A4



AF3762



37711D



007866

Sweetspot

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



7C50A4



C7B6D6



5079A4



62586B



EBEBEB



6B6B6B

Same Dimension

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



7C50A4



9854D6



A450A3



4E4952



4C0091



090012

Inverse Universe

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



A45078



D65492



50A451



52494D



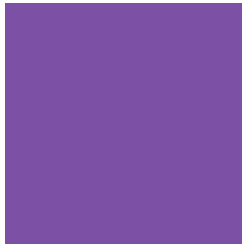
910045



120009

Previews

White Background



This preview shows how the Hex color 7C50A4 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

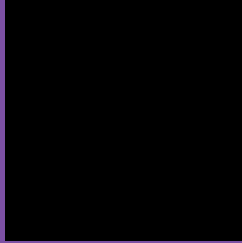
Any Text WCAG AA × Fail

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 7C50A4 Background



This preview shows how black text looks on a background with the Hex color 7C50A4.

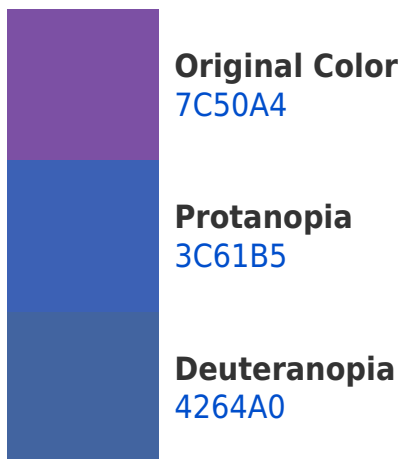


This preview shows how white text looks on a background with the Hex color 7C50A4.

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
715F67

Trichromacy



Original Color
7C50A4

Protanomaly
535BAF

Deuteranomaly
575DA1

Tritanomaly
755A7D

Monochromacy



Original Color
7C50A4

Achromatopsia
676767

Achromatomaly
6F5F7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C50A4 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 #7C50A4 looks like.

```
.text, #text, p{  
    color:#7C50A4  
}
```

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 #7C50A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C50A4
}
```

Border

The CSS property to change the border of an element to Hex 7C50A4 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
#7C50A4 }
```

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

```
.border{ border-color:#7C50A4 }
```

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

Here you see how a box with a 4 pixel #7C50A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C50A4; -webkit-box-shadow:4px 4px  
4px 4px #7C50A4; box-shadow:4px 4px 4px  
4px #7C50A4 }
```

Background

The CSS property to change the background color of an element to Hex 7C50A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C50A4 }
```

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

```
.background{ background-color:#7C50A4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor