

Converting Colors

Hex(7C45AA)

Have a look what the booklet for
Hex(7C45AA) contains.

Hex(7C45AA)	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(7C45AA)

Conversions

Conversions Part 1

Format	Color
Hex	7C45AA
RGB	124, 69, 170
RGB Percent	49%, 27%, 67%
CMY	0.5137, 0.7294, 0.3333
CMYK	0.27, 0.59, 0.00, 0.33
HSL	273°, 42%, 47%
HSV	273°, 59%, 67%
XYZ	17.6960, 11.4436, 39.3064
YIQ	96.9590, 0.3590, 43.0710

Conversions

Conversions Part 2

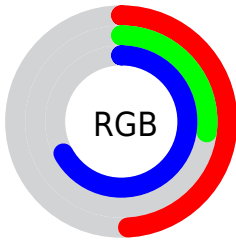
Format	Color
RYB	124, 69, 170
Decimal	8144298
CIELab	40.32, 42.76, -45.31
CIElCh	40, 62.297, 313.341
Yxy	11.4436, 0.2585, 0.1672
Android (android.graphics.Color)	4286334378 (0xFF7C45AA)
YUV	96.9590, 36.0092, 23.7150
Hunter-Lab	33.8284, 34.1756, -45.2112

Details

The Hex color **7C45AA** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **73AA45**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B378E2**, and **471375** is the 20% darker color. If you saturate the color by 10%, you get **7434AA**, and if you desaturate by 10%, it is **8456AA**.

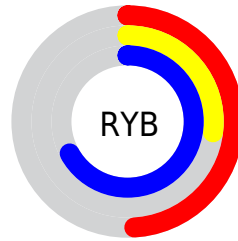
Distribution



Red (49%)

Green (27%)

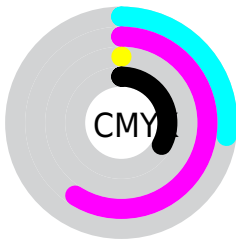
Blue (67%)



Red (49%)

Yellow (27%)

Blue (67%)

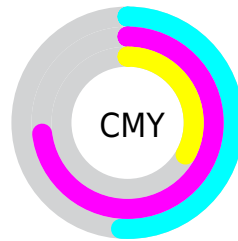


Cyan (27%)

Magenta (59%)

Yellow (0%)

Black (33%)



Cyan (51%)

Magenta (73%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C45AA 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 7C45AA by changing the saturation by 10% instead.

7C45AA

7C45AA

FFFFFF

612C8F

B378E2

471375

D092FF

2C005C

EDADFF

160044

FFC9FF

00032C

FFE6FF

000117

000000

7C45AA

7C45AA

7434AA

8456AA

6D23AA

8B67AA

6512AA

9378AA

5D01AA

9B89AA

5D00AA

A39AAA

AAABAA

B2BCAA

BACDAA

C2DEAA

Harmonies

Analogous

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



005EC3



7C45AA



AA267E

Triad

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



7C45AA



8B5200



007575

Complementary

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



7C45AA



73AA45

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.



007340



7C45AA



5F6400

Square

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



7C45AA



AA3819



1C6E00



0074A4

Rectangle

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



7C45AA



B61A5C



1C6E00



007564

Sweetspot

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



7C45AA



CCB6DE



4574AA



655870



F0F0F0



707070

Same Dimension

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



7C45AA



9640DE



AA45A7



504C54



510094



0B0014

Inverse Universe

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



AA4573



DE4088



45AA48



544C50



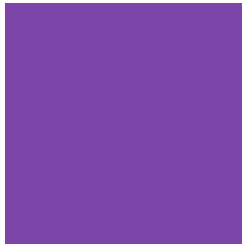
940043



140009

Previews

White Background



This preview shows how the Hex color 7C45AA 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

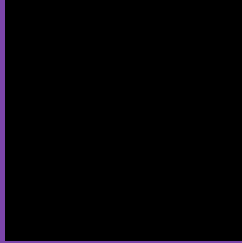
Any Text WCAG AA × Fail

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 7C45AA Background



This preview shows how black text looks on a background with the Hex color 7C45AA.

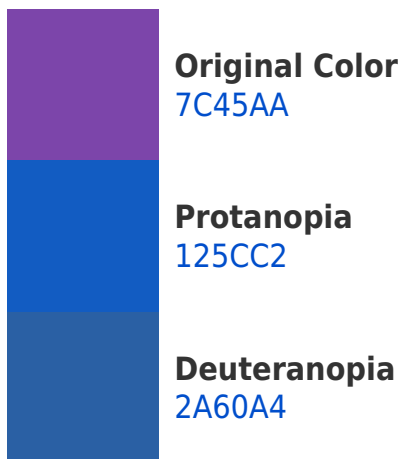


This preview shows how white text looks on a background with the Hex color 7C45AA.

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
6F5960

Trichromacy



Original Color
7C45AA



Protanomaly
3954B9



Deuteranomaly
4856A6



Tritanomaly
74527B

Monochromacy



Original Color
7C45AA



Achromatopsia
616161



Achromatomaly
6B577C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C45AA 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 #7C45AA looks like.

```
.text, #text, p{  
    color:#7C45AA  
}
```

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 #7C45AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C45AA
}
```

Border

The CSS property to change the border of an element to Hex 7C45AA 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
#7C45AA }
```

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

```
.border{ border-color:#7C45AA }
```

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

Here you see how a box with a 4 pixel #7C45AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C45AA; -webkit-box-shadow:4px 4px  
4px 4px #7C45AA; box-shadow:4px 4px 4px  
4px #7C45AA }
```

Background

The CSS property to change the background color of an element to Hex 7C45AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C45AA }
```

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

```
.background{ background-color:#7C45AA }
```

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