

Converting Colors

Hex(7F45B9)

Have a look what the booklet for
Hex(7F45B9) contains.

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Color

Hex(7F45B9)

Conversions

Conversions Part 1

Format	Color
Hex	7F45B9
RGB	127, 69, 185
RGB Percent	50%, 27%, 73%
CMY	0.5020, 0.7294, 0.2745
CMYK	0.31, 0.63, 0.00, 0.27
HSL	270°, 46%, 50%
HSV	270°, 63%, 73%
XYZ	19.6375, 12.2711, 47.2325
YIQ	99.5660, -2.6680, 48.3720

Conversions

Conversions Part 2

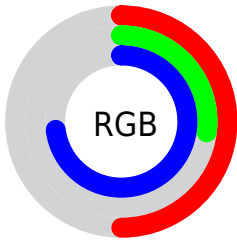
Format	Color
R _Y B	127, 69, 185
Decimal	8340921
CIE Lab	41.64, 47.12, -52.01
CIE LCh	42, 70.185, 312.176
Yxy	12.2711, 0.2481, 0.1551
Android (android.graphics.Color)	4286531001 (0xFF7F45B9)
YUV	99.5660, 42.1190, 24.0596
Hunter-Lab	35.0301, 38.7626, -55.4221

Details

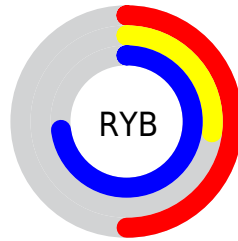
The Hex color **7F45B9** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7FB945**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B778F2**, and **481183** is the 20% darker color. If you saturate the color by 10%, you get **7633B9**, and if you desaturate by 10%, it is **8857B9**.

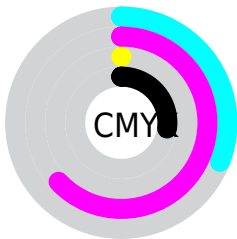
Distribution



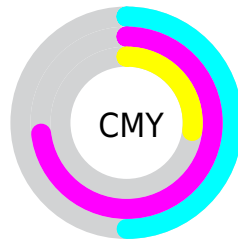
- Red (50%)
- Green (27%)
- Blue (73%)



- Red (50%)
- Yellow (27%)
- Blue (73%)



- Cyan (31%)
- Magenta (63%)
- Yellow (0%)
- Black (27%)



- Cyan (50%)
- Magenta (73%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F45B9 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 7F45B9 by changing the saturation by 10% instead.

7F45B9

7F45B9

FFFFFF

642C9E

B778F2

481183

D493FF

2C0069

F1AEFF

100050

FFCAFF

000038

FFE7FF

000222

000008

000000

7F45B9

7F45B9

7633B9

8857B9

6D20B9

926AB9

630DB9

9B7DB9

5D00B9

A48FB9

ADA2B9

B6B4B9

C0C6B9

C9D9B9

D2EBB9

Harmonies

Analogous

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



0062D5



7F45B9



B51887

Triad

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



7F45B9



945200



007A79

Complementary

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



7F45B9



7FB945

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.



00783C



7F45B9



636700

Square

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



7F45B9



B63114



107300



0079AF

Rectangle

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



7F45B9



C30061



107300



007A65

Sweetspot

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



7F45B9



D9C2F0



457FB9



6A5C78



F7F7F7



787878

Same Dimension

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



7F45B9



963CF0



B945B9



57535C



4E009C



0E001C

Inverse Universe

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



B9457F



F03C96



45B945



5C5357



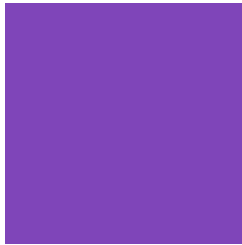
9C004E



1C000E

Previews

White Background



This preview shows how the Hex color 7F45B9 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

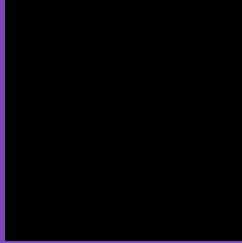
Any Text WCAG AA × Fail

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 7F45B9 Background



This preview shows how black text looks on a background with the Hex color 7F45B9.

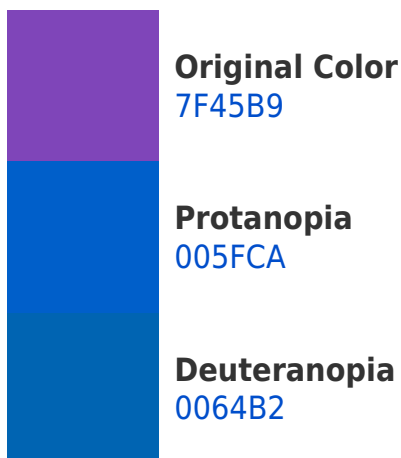



This preview shows how white text looks on a background with the Hex color 7F45B9.

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](#).

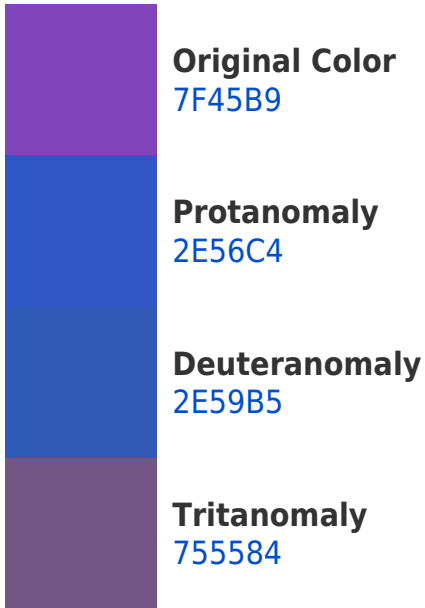
Dichromacy



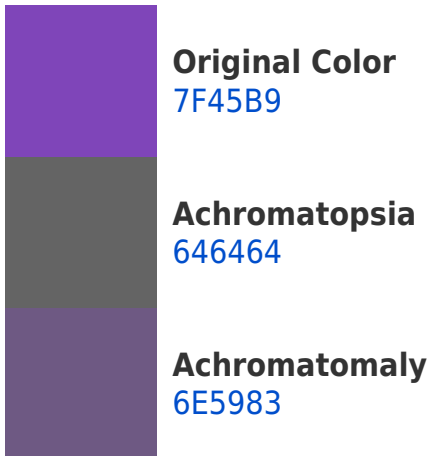


Tritanopia
6F5E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F45B9 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 #7F45B9 looks like.

```
.text, #text, p{  
    color:#7F45B9  
}
```

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 #7F45B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F45B9
}
```

Border

The CSS property to change the border of an element to Hex 7F45B9 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
#7F45B9 }
```

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

```
.border{ border-color:#7F45B9 }
```

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

Here you see how a box with a 4 pixel #7F45B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F45B9; -webkit-box-shadow:4px 4px  
4px 4px #7F45B9; box-shadow:4px 4px 4px  
4px #7F45B9 }
```

Background

The CSS property to change the background color of an element to Hex 7F45B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F45B9 }
```

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

```
.background{ background-color:#7F45B9 }
```

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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