

Converting Colors

Hex(7F55B0)

Have a look what the booklet for
Hex(7F55B0) contains.

Hex(7F55B0)	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(7F55B0)

Conversions

Conversions Part 1

Format	Color
Hex	7F55B0
RGB	127, 85, 176
RGB Percent	50%, 33%, 69%
CMY	0.5020, 0.6667, 0.3098
CMYK	0.28, 0.52, 0.00, 0.31
HSL	268°, 37%, 51%
HSV	268°, 52%, 69%
XYZ	19.8374, 14.1436, 42.7587
YIQ	107.9320, -4.1790, 37.2050

Conversions

Conversions Part 2

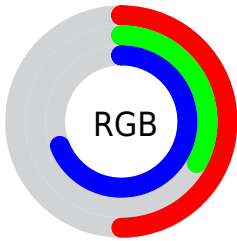
Format	Color
R_{YB}	127, 85, 176
Decimal	8345008
CIE _{Lab}	44.44, 36.08, -42.26
CIE _{LCh}	44, 55.562, 310.490
Yxy	14.1436, 0.2585, 0.1843
Android (android.graphics.Color)	4286535088 (0xFF7F55B0)
YUV	107.9320, 33.5575, 16.7226
Hunter-Lab	37.6080, 28.3407, -41.0847

Details

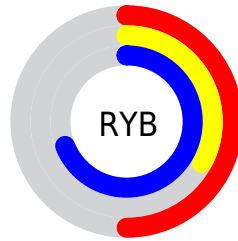
The Hex color **7F55B0** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **86B055**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B688E8**, and **4A257B** is the 20% darker color. If you saturate the color by 10%, you get **7643B0**, and if you desaturate by 10%, it is **8867B0**.

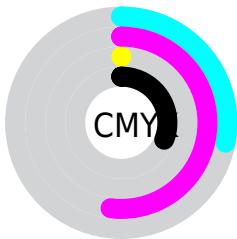
Distribution



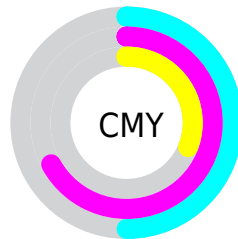
- Red (50%)
- Green (33%)
- Blue (69%)



- Red (50%)
- Yellow (33%)
- Blue (69%)



- Cyan (28%)
- Magenta (52%)
- Yellow (0%)
- Black (31%)



- Cyan (50%)
- Magenta (67%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F55B0 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 7F55B0 by changing the saturation by 10% instead.

7F55B0

7F55B0

FFFFFF

643D95

B688E8

4A257B

D2A2FF

300E61

EFBEFF

160049

FFDAFF

000032

FFF7FF

00011C

000000

7F55B0

7F55B0

7643B0

8867B0

6C32B0

9278B0

6320B0

9B8AB0

590FB0

A59BB0

5100B0

AEADB0

B8BFB0

C1D0B0

CBE2B0

D4F3B0

Harmonies

Analogous

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



0069C5



7F55B0



AC3F89

Triad

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



7F55B0



975C01



007E79

Complementary

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



7F55B0



86B055

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.



007C48



7F55B0



706C00

Square

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



7F55B0



B2472F



3C771A



007DA4

Rectangle

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



7F55B0



B9386A



3C771A



007E68

Sweetspot

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



7F55B0



D2C1E6



5587B0



675D73



F2F2F2



737373

Same Dimension

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



7F55B0



9957E6



AB55B0



545059



470099



0C001A

Inverse Universe

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



B05586



E657A4



5AB055



595055



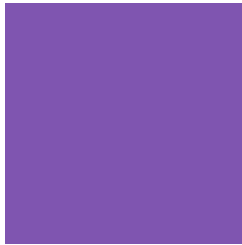
990052



1A000E

Previews

White Background



This preview shows how the Hex color 7F55B0 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

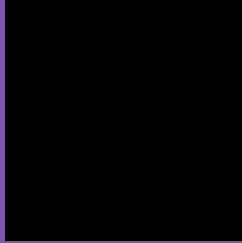
Any Text WCAG AA × Fail

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 7F55B0 Background



This preview shows how black text looks on a background with the Hex color 7F55B0.

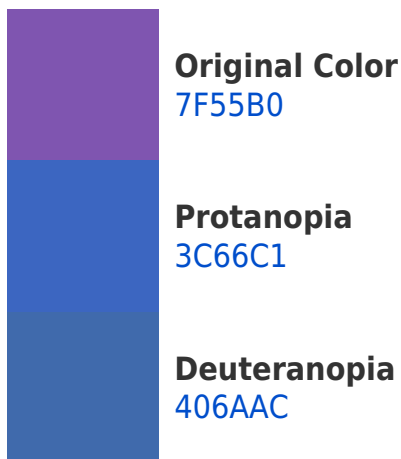



This preview shows how white text looks on a background with the Hex color 7F55B0.

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
73656D

Trichromacy



Original Color
7F55B0

Protanomaly
5460BB

Deuteranomaly
5762AD

Tritanomaly
775F85

Monochromacy



Original Color
7F55B0

Achromatopsia
6C6C6C

Achromatomaly
736485

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F55B0 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 #7F55B0 looks like.

```
.text, #text, p{  
    color:#7F55B0  
}
```

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 #7F55B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F55B0
}
```

Border

The CSS property to change the border of an element to Hex 7F55B0 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
#7F55B0 }
```

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

```
.border{ border-color:#7F55B0 }
```

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

Here you see how a box with a 4 pixel #7F55B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F55B0; -webkit-box-shadow:4px 4px  
4px 4px #7F55B0; box-shadow:4px 4px 4px  
4px #7F55B0 }
```

Background

The CSS property to change the background color of an element to Hex 7F55B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F55B0 }
```

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

```
.background{ background-color:#7F55B0 }
```

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