

Converting Colors

Hex(7F62A8)

Have a look what the booklet for
Hex(7F62A8) contains.

| | |
|--|----|
| Hex(7F62A8) | 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(7F62A8)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7F62A8 |
| RGB | 127, 98, 168 |
| RGB Percent | 50%, 38%, 66% |
| CMY | 0.5020, 0.6157, 0.3412 |
| CMYK | 0.24, 0.42, 0.00, 0.34 |
| HSL | 265°, 29%, 52% |
| HSV | 265°, 42%, 66% |
| XYZ | 20.1880, 16.0745, 39.0845 |
| YIQ | 114.6510, -5.1860, 27.9180 |

Conversions

Conversions Part 2

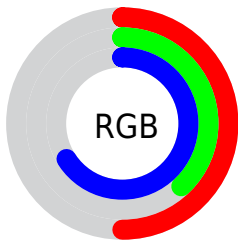
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 127, 98, 168 |
| Decimal | 8348328 |
| CIE _{Lab} | 47.07, 26.46, -33.39 |
| CIE _{LCh} | 47, 42.606, 308.394 |
| Yxy | 16.0745, 0.2679, 0.2133 |
| Android (android.graphics.Color) | 4286538408 (0xFF7F62A8) |
| YUV | 114.6510, 26.3011, 10.8301 |
| Hunter-Lab | 40.0931, 19.7168, -29.7333 |

Details

The Hex color **7F62A8** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8BA862**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B595E0**, and **4C3374** is the 20% darker color. If you saturate the color by 10%, you get **7551A8**, and if you desaturate by 10%, it is **8973A8**.

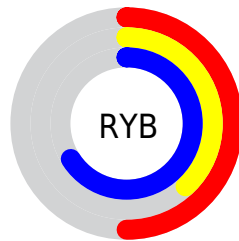
Distribution



Red (50%)

Green (38%)

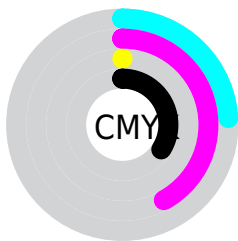
Blue (66%)



Red (50%)

Yellow (38%)

Blue (66%)

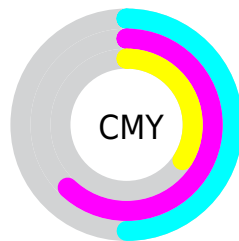


Cyan (24%)

Magenta (42%)

Yellow (0%)

Black (34%)



Cyan (50%)

Magenta (62%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F62A8 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 7F62A8 by changing the saturation by 10% instead.

■ 7F62A8

■ 7F62A8

FFFFFF

■ 654A8D

■ B595E0

■ 4C3374

■ D1B0FC

■ 331D5B

■ EECCFF

■ 1A0743

■ FFE8FF

■ 00002C

■ 000116

■ 000000

■ 7F62A8

■ 7F62A8

■ 7551A8

■ 8973A8

6B40A8

9384A8

6130A8

9D94A8

581FA8

A6A5A8

4E0EA8

B0B6A8

4600A8

BAC7A8

C4D8A8

CEE8A8

D8F9A8

Harmonies

Analogous

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



3F70B6



7F62A8



A3558B

Triad

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



7F62A8



99642C



008179

Complementary

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



7F62A8



8BA862

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.



147F54



7F62A8



7A7124

Square

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



7F62A8



AD5745



547A35



00809B

Rectangle

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



7F62A8



AF5073



547A35



00816C

Sweetspot

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



7F62A8



CBBFDB



628CA8



635C6E



EDEDED



6E6E6E

Same Dimension

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



7F62A8



9B6EDB



A162A8



4F4C54



3D0094



080014

Inverse Universe

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



A8628B



DB6EAE



69A862



544C51



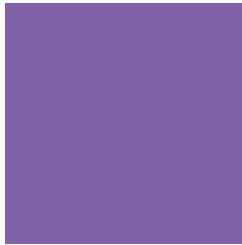
940057



14000C

Previews

White Background



This preview shows how the Hex color 7F62A8 looks on a white background.

Color Contrast Check

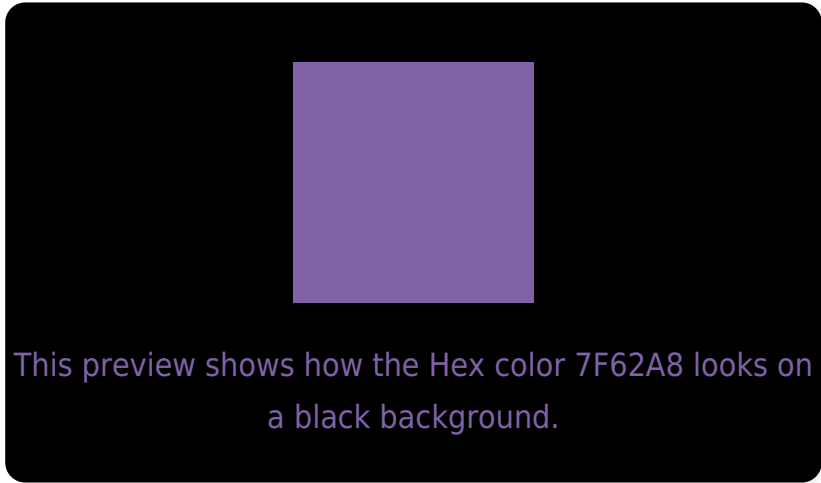
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F62A8 Background



This preview shows how black text looks on a background with the Hex color 7F62A8.



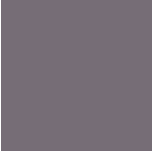
This preview shows how white text looks on a background with the Hex color 7F62A8.

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](#).

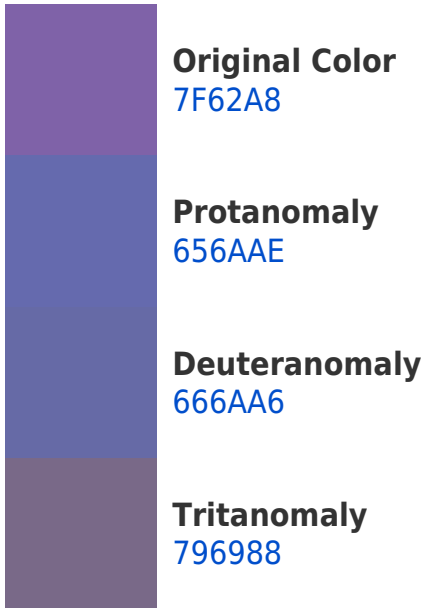
Dichromacy





Tritanopia
766D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F62A8 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 #7F62A8 looks like.

```
.text, #text, p{  
    color:#7F62A8  
}
```

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 #7F62A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F62A8
}
```

Border

The CSS property to change the border of an element to Hex 7F62A8 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
#7F62A8 }
```

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

```
.border{ border-color:#7F62A8 }
```

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

Here you see how a box with a 4 pixel #7F62A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F62A8; -webkit-box-shadow:4px 4px  
4px 4px #7F62A8; box-shadow:4px 4px 4px  
4px #7F62A8 }
```

Background

The CSS property to change the background color of an element to Hex 7F62A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F62A8 }
```

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

```
.background{ background-color:#7F62A8 }
```

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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