

Converting Colors

Hex(78578D)

Have a look what the booklet for
Hex(78578D) contains.

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Color

Hex(78578D)

Conversions

Conversions Part 1

Format	Color
Hex	78578D
RGB	120, 87, 141
RGB Percent	47%, 34%, 55%
CMY	0.5294, 0.6588, 0.4471
CMYK	0.15, 0.38, 0.00, 0.45
HSL	277°, 24%, 45%
HSV	277°, 38%, 55%
XYZ	15.9616, 12.7325, 26.8157
YIQ	103.0230, 2.3340, 23.7900

Conversions

Conversions Part 2

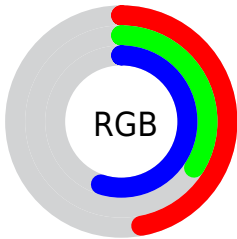
Format	Color
R _{YB}	120, 87, 141
Decimal	7886733
CIE Lab	42.36, 24.32, -24.75
CIE LCh	42, 34.694, 314.495
Yxy	12.7325, 0.2875, 0.2294
Android (android.graphics.Color)	4286076813 (0xFF78578D)
YUV	103.0230, 18.7227, 14.8888
Hunter-Lab	35.6827, 17.4022, -19.5787

Details

The Hex color **78578D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6C8D57**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **AD89C3**, and **46295B** is the 20% darker color. If you saturate the color by 10%, you get **73498D**, and if you desaturate by 10%, it is **7D658D**.

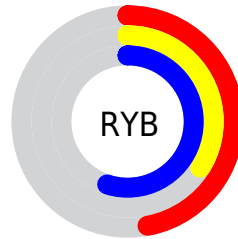
Distribution



Red (47%)

Green (34%)

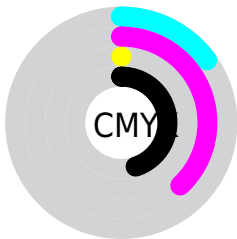
Blue (55%)



Red (47%)

Yellow (34%)

Blue (55%)

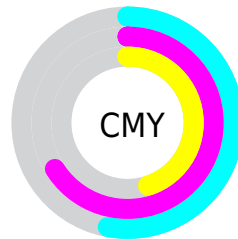


Cyan (15%)

Magenta (38%)

Yellow (0%)

Black (45%)



Cyan (53%)

Magenta (66%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78578D 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 78578D by changing the saturation by 10% instead.

 78578D

 78578D

FFFFFF

 5F3F73

 AD89C3

 46295B

 C9A4DF

 2F1343

 E5BFFC

 1B002D

 FFDBFF

 000117

 FFF8FF

 000000

 78578D

 78578D

 73498D

 7D658D

 6D3B8D

 83738D

682D8D

88818D

621F8D

8E8F8D

5D118D

939E8D

57028D

99AC8D

56008D

9EBA8D

A4C88D

A9D68D

Harmonies

Analogous

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



4D629B



78578D



914E74

Triad

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



78578D



815D2C



007371

Complementary

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



78578D



6C8D57

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.



167254



78578D



67672A

Square

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



78578D



93533D



476E3A



00718B

Rectangle

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



78578D



994C61



476E3A



007268

Sweetspot

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



78578D



B0A3B8



576D8D



57505C



DBDBDB



5C5C5C

Same Dimension

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



78578D



9763B8



8D5788



454047



530087



050008

Inverse Universe

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



8D576C



B86384



578D5C



474043



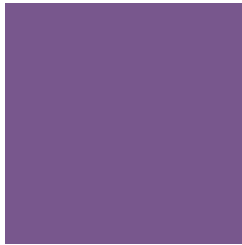
870035



080003

Previews

White Background



This preview shows how the Hex color 78578D looks on a white background.

Color Contrast Check

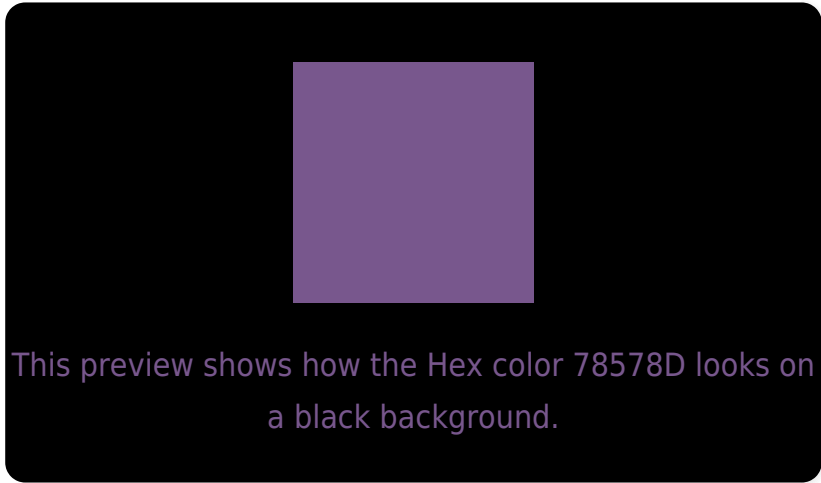
Large Text (above 18pt) WCAG AA ✓ Pass

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

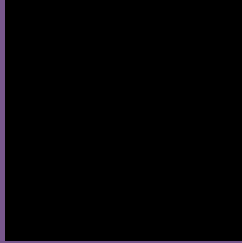
Any Text WCAG AA × Fail

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 78578D Background



This preview shows how black text looks on a background with the Hex color 78578D.



This preview shows how white text looks on a background with the Hex color 78578D.

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
725F67

Trichromacy



Original Color
78578D

Protanomaly
605F93

Deuteranomaly
645F8C

Tritanomaly
745C75

Monochromacy



Original Color
78578D

Achromatopsia
676767

Achromatomaly
6D6175

CSS Examples

Text

The CSS property to change the color of the text to Hex 78578D 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 #78578D looks like.

```
.text, #text, p{  
    color:#78578D  
}
```

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 #78578D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78578D
}
```

Border

The CSS property to change the border of an element to Hex 78578D is called "border". The border property can be set on classes, ids or directly on the HTML element.

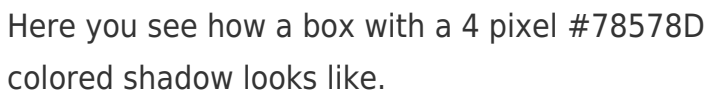
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78578D }
```

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

```
.border{ border-color:#78578D }
```

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



Here you see how a box with a 4 pixel #78578D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78578D; -webkit-box-shadow:4px 4px  
4px 4px #78578D; box-shadow:4px 4px 4px  
4px #78578D }
```

Background

The CSS property to change the background color of an element to Hex 78578D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78578D }
```

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

```
.background{ background-color:#78578D }
```

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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