

Converting Colors

Hex(787592)

Have a look what the booklet for
Hex(787592) contains.

Hex(787592)	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(787592)

Conversions

Conversions Part 1

Format	Color
Hex	787592
RGB	120, 117, 146
RGB Percent	47%, 46%, 57%
CMY	0.5294, 0.5412, 0.4275
CMYK	0.18, 0.20, 0.00, 0.43
HSL	246°, 12%, 52%
HSV	246°, 20%, 57%
XYZ	19.2953, 18.7910, 29.8042
YIQ	121.2030, -7.5210, 9.6550

Conversions

Conversions Part 2

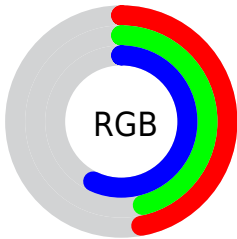
Format	Color
R_{YB}	120, 117, 146
Decimal	7894418
CIE Lab	50.44, 7.47, -15.30
CIE LCh	50, 17.031, 296.029
Yxy	18.7910, 0.2842, 0.2768
Android (android.graphics.Color)	4286084498 (0xFF787592)
YUV	121.2030, 12.2249, -1.0550
Hunter-Lab	43.3486, 3.5940, -10.4207

Details

The Hex color **787592** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8F9275**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ADA9C8**, and **47455F** is the 20% darker color. If you saturate the color by 10%, you get **6B6692**, and if you desaturate by 10%, it is **858492**.

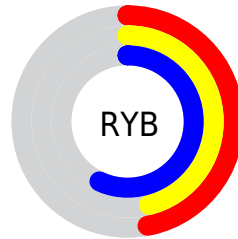
Distribution



Red (47%)

Green (46%)

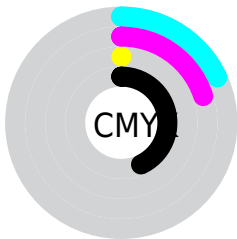
Blue (57%)



Red (47%)

Yellow (46%)

Blue (57%)

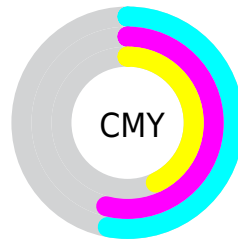


Cyan (18%)

Magenta (20%)

Yellow (0%)

Black (43%)



Cyan (53%)

Magenta (54%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787592 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 787592 by changing the saturation by 10% instead.

 787592

 787592

FFFFFF

 5F5C78

 ADA9C8

 47455F

 C8C4E4

 302F48

 E4E0FF

 1A1A31

 FFFDFF

 03001D

 000000

 787592

 787592

 6B6692

 858492

 5E5892

 929292

■ 514992

■ 9FA192

■ 443B92

■ ACAF92

■ 372C92

■ B9BE92

■ 291D92

■ C7CD92

■ 1C0F92

■ D4DB92

■ 0F0092

■ E1EA92

■ EEF892

Harmonies

Analogous

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



647A95



787592



897088

Triad

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



787592



907261



568076

Complementary

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



787592



8F9275

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.



657E67



787592



85765B

Square

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



787592



966E6C



757B5E



4F8084

Rectangle

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



787592



916E7F



757B5E



5B8071

Sweetspot

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



787592



B3B1BD



758F92



58585E



DEDEDE



5E5E5E

Same Dimension

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



787592



948FBD



867592



43434A



0E008A



01000A

Inverse Universe

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



92758F



BD8FB8



819275



4A4349



8A007B



0A0009

Previews

White Background



This preview shows how the Hex color 787592 looks on a white background.

Color Contrast Check

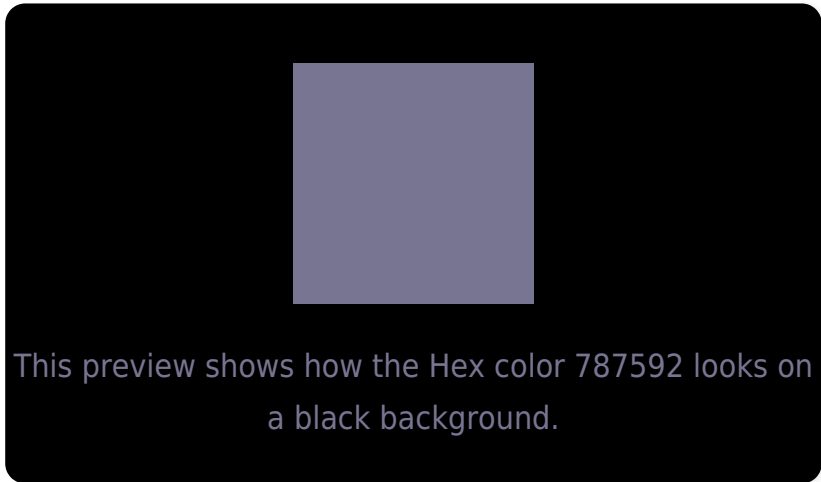
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

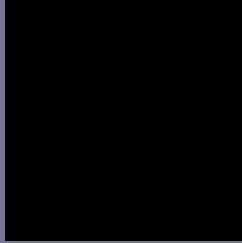
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 787592 Background



This preview shows how black text looks on a background with the Hex color 787592.



This preview shows how white text looks on a background with the Hex color 787592.

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



Original Color

787592

Protanopia

717793

Deuteranopia

777592



Tritanopia
757881

Trichromacy



Original Color
787592

Protanomaly
747693

Deuteranomaly
777592

Tritanomaly
767787

Monochromacy



Original Color
787592

Achromatopsia
797979

Achromatomaly
797882

CSS Examples

Text

The CSS property to change the color of the text to Hex 787592 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 #787592 looks like.

```
.text, #text, p{  
  color:#787592  
}
```

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 #787592 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787592
}
```

Border

The CSS property to change the border of an element to Hex 787592 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
#787592 }
```

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

```
.border{ border-color:#787592 }
```

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

Here you see how a box with a 4 pixel #787592 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787592; -webkit-box-shadow:4px 4px  
4px 4px #787592; box-shadow:4px 4px 4px  
4px #787592 }
```

Background

The CSS property to change the background color of an element to Hex 787592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787592 }
```

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

```
.background{ background-color:#787592 }
```

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