

Converting Colors

Hex(786595)

Have a look what the booklet for
Hex(786595) contains.

Hex(786595)	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(786595)

Conversions

Conversions Part 1

Format	Color
Hex	786595
RGB	120, 101, 149
RGB Percent	47%, 40%, 58%
CMY	0.5294, 0.6039, 0.4157
CMYK	0.19, 0.32, 0.00, 0.42
HSL	264°, 19%, 49%
HSV	264°, 32%, 58%
XYZ	17.8242, 15.4704, 30.4804
YIQ	112.1530, -4.0840, 18.9560

Conversions

Conversions Part 2

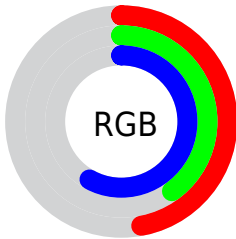
Format	Color
R_{YB}	120, 101, 149
Decimal	7890325
CIE _{Lab}	46.27, 17.78, -23.47
CIE _{LCh}	46, 29.443, 307.151
Yxy	15.4704, 0.2795, 0.2426
Android (android.graphics.Color)	4286080405 (0xFF786595)
YUV	112.1530, 18.1656, 6.8818
Hunter-Lab	39.3324, 12.0591, -18.4138

Details

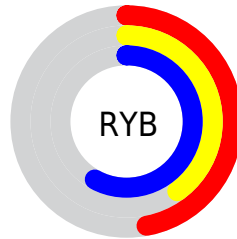
The Hex color **786595** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **829565**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **AD98CB**, and **463662** is the 20% darker color. If you saturate the color by 10%, you get **6F5695**, and if you desaturate by 10%, it is **817495**.

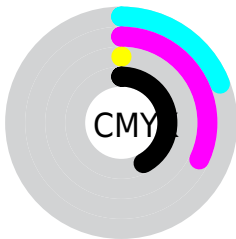
Distribution



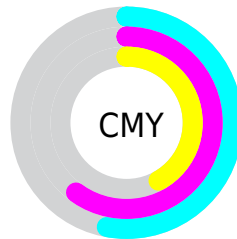
- Red (47%)
- Green (40%)
- Blue (58%)



- Red (47%)
- Yellow (40%)
- Blue (58%)



- Cyan (19%)
- Magenta (32%)
- Yellow (0%)
- Black (42%)



- Cyan (53%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786595 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 786595 by changing the saturation by 10% instead.

■ 786595

■ 786595

FFFFFF

■ 5F4D7B

■ AD98CB

■ 463662

■ C9B3E7

■ 2F204A

■ E5CEFF

■ 190C33

■ FFE8FF

■ 00001E

■ 000000

■ 786595

■ 786595

■ 6F5695

■ 817495

■ 664795

■ 8A8395

5D3895

939295

542995

9CA195

4B1B95

A5B095

420C95

AEBE95

3B0095

B7CD95

C0DC95

C9EB95

Harmonies

Analogous

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



536E9E



786595



915D81

Triad

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



786595



8D6640



137B73

Complementary

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



786595



829565

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.



3E795A



786595



786E3C

Square

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



786595



9B5E51



5D7545



007A8B

Rectangle

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



786595



9B5A71



5D7545



247A6A

Sweetspot

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



786595



B6AEC2



658395



5A5561



E0E0E0



616161

Same Dimension

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



786595



9476C2



8F6595



45434A



37008A



04000A

Inverse Universe

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



956582



C276A4



6B9565



4A4347



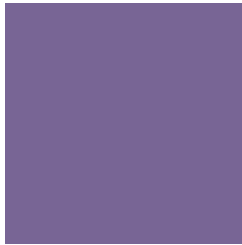
8A0053



0A0006

Previews

White Background



This preview shows how the Hex color 786595 looks on a white background.

Color Contrast Check

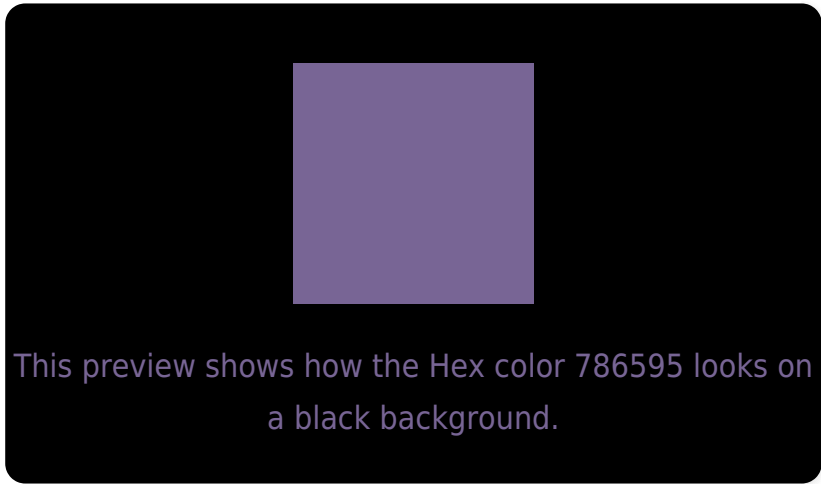
Large Text (above 18pt) WCAG AA ✓ Pass

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

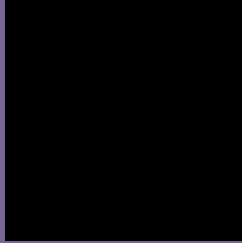
Any Text WCAG AA × Fail

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 786595 Background



This preview shows how black text looks on a background with the Hex color 786595.



This preview shows how white text looks on a background with the Hex color 786595.

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
726C74

Trichromacy



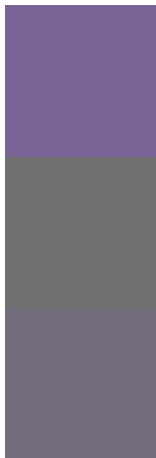
Original Color
786595

Protanomaly
686999

Deuteranomaly
6B6994

Tritanomaly
746980

Monochromacy



Original Color
786595

Achromatopsia
707070

Achromatomaly
736C7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 786595 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 #786595 looks like.

```
.text, #text, p{  
    color:#786595  
}
```

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 #786595 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786595
}
```

Border

The CSS property to change the border of an element to Hex 786595 is called "border". The border property can be set on classes, ids or directly on the HTML element.

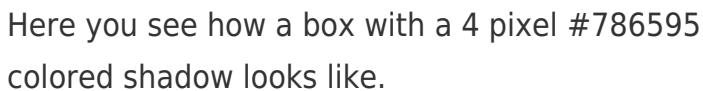
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#786595 }
```

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

```
.border{ border-color:#786595 }
```

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



Here you see how a box with a 4 pixel #786595 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786595; -webkit-box-shadow:4px 4px  
4px 4px #786595; box-shadow:4px 4px 4px  
4px #786595 }
```

Background

The CSS property to change the background color of an element to Hex 786595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786595 }
```

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

```
.background{ background-color:#786595 }
```

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