

Converting Colors

Hex(786395)

Have a look what the booklet for
Hex(786395) contains.

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Color

Hex(786395)

Conversions

Conversions Part 1

Format	Color
Hex	786395
RGB	120, 99, 149
RGB Percent	47%, 39%, 58%
CMY	0.5294, 0.6118, 0.4157
CMYK	0.19, 0.34, 0.00, 0.42
HSL	265°, 20%, 49%
HSV	265°, 34%, 58%
XYZ	17.6324, 15.0867, 30.4165
YIQ	110.9790, -3.5340, 20.0020

Conversions

Conversions Part 2

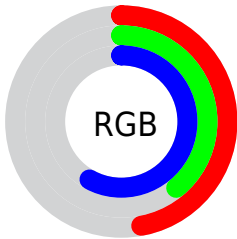
Format	Color
R_{YB}	120, 99, 149
Decimal	7889813
CIE Lab	45.75, 18.99, -24.27
CIE LCh	46, 30.816, 308.038
Yxy	15.0867, 0.2793, 0.2390
Android (android.graphics.Color)	4286079893 (0xFF786395)
YUV	110.9790, 18.7444, 7.9114
Hunter-Lab	38.8416, 13.0585, -19.2403

Details

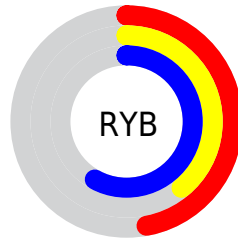
The Hex color **786395** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **809563**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **AD96CB**, and **463462** is the 20% darker color. If you saturate the color by 10%, you get **6F5495**, and if you desaturate by 10%, it is **817295**.

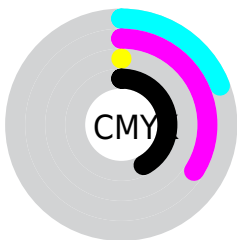
Distribution



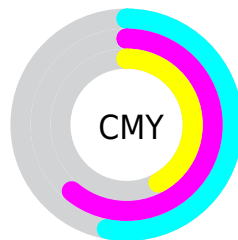
- Red (47%)
- Green (39%)
- Blue (58%)



- Red (47%)
- Yellow (39%)
- Blue (58%)



- Cyan (19%)
- Magenta (34%)
- Yellow (0%)
- Black (42%)



- Cyan (53%)
- Magenta (61%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786395 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 786395 by changing the saturation by 10% instead.

 786395

 786395

FFFFFF

 5F4B7B

 AD96CB

 463462

 C9B1E8

 2F1F4A

 E5CCFF

 190933

 FFE8FF

 00011E

 000000

 786395

 786395

 6F5495

 817295

 674595

 898195

5E3695

929095

552795

9B9F95

4D1895

A3AE95

440A95

ACBC95

3F0095

B4CB95

BDDA95

C6E995

Harmonies

Analogous

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



516D9F



786395



925B80

Triad

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



786395



8C643D



007A73

Complementary

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



786395



809563

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.



397858



786395



766D38

Square

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



786395



9B5C4E



5A7443



00798B

Rectangle

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



786395



9B586F



5A7443



197A6A

Sweetspot

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



786395



B7AEC2



638095



5A5561



E0E0E0



616161

Same Dimension

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



786395



9574C2



916395



46434A



3A008A



04000A

Inverse Universe

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



956380



C274A1



679563



4A4347



8A0050



0A0006

Previews

White Background



This preview shows how the Hex color 786395 looks on a white background.

Color Contrast Check

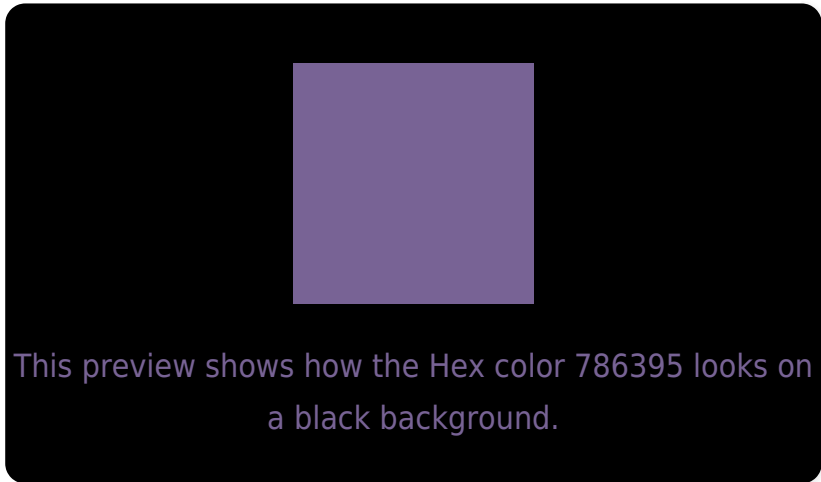
Large Text (above 18pt) WCAG AA ✓ Pass

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

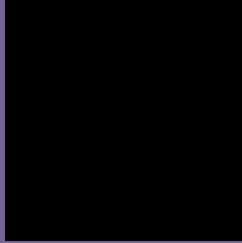
Any Text WCAG AA × Fail

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 786395 Background



This preview shows how black text looks on a background with the Hex color 786395.



This preview shows how white text looks on a background with the Hex color 786395.

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
726A72

Trichromacy



Original Color
786395

Protanomaly
676899

Deuteranomaly
696894

Tritanomaly
74677F

Monochromacy



Original Color
786395

Achromatopsia
6F6F6F

Achromatomaly
726B7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 786395 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 #786395 looks like.

```
.text, #text, p{  
    color:#786395  
}
```

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 #786395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786395
}
```

Border

The CSS property to change the border of an element to Hex 786395 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
#786395 }
```

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

```
.border{ border-color:#786395 }
```

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

Here you see how a box with a 4 pixel #786395 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786395; -webkit-box-shadow:4px 4px  
4px 4px #786395; box-shadow:4px 4px 4px  
4px #786395 }
```

Background

The CSS property to change the background color of an element to Hex 786395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786395 }
```

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

```
.background{ background-color:#786395 }
```

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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