

Converting Colors

Hex(786089)

Have a look what the booklet for
Hex(786089) contains.

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Color

Hex(786089)

Conversions

Conversions Part 1

Format	Color
Hex	786089
RGB	120, 96, 137
RGB Percent	47%, 38%, 54%
CMY	0.5294, 0.6235, 0.4627
CMYK	0.12, 0.30, 0.00, 0.46
HSL	275°, 18%, 46%
HSV	275°, 30%, 54%
XYZ	16.4440, 14.1650, 25.5343
YIQ	107.8500, 1.1430, 17.8390

Conversions

Conversions Part 2

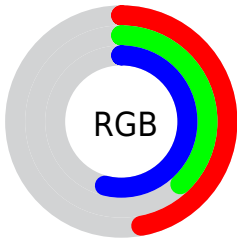
Format	Color
R_{YB}	120, 96, 137
Decimal	7889033
CIE Lab	44.47, 17.97, -19.08
CIE LCh	44, 26.207, 313.282
Yxy	14.1650, 0.2929, 0.2523
Android (android.graphics.Color)	4286079113 (0xFF786089)
YUV	107.8500, 14.3710, 10.6556
Hunter-Lab	37.6364, 12.1260, -13.8798

Details

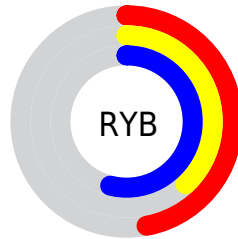
The Hex color **786089** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **718960**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **AD93BE**, and **473157** is the 20% darker color. If you saturate the color by 10%, you get **725289**, and if you desaturate by 10%, it is **7E6E89**.

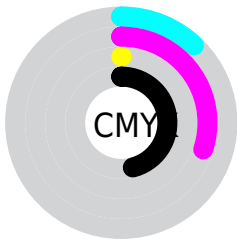
Distribution



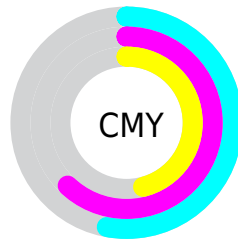
- Red (47%)
- Green (38%)
- Blue (54%)



- Red (47%)
- Yellow (38%)
- Blue (54%)



- Cyan (12%)
- Magenta (30%)
- Yellow (0%)
- Black (46%)



- Cyan (53%)
- Magenta (62%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786089 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 786089 by changing the saturation by 10% instead.

■ 786089

■ 786089

FFFFFF

■ 5F4870

■ AD93BE

■ 473157

■ C8ADDA

■ 301C40

■ E4C9F7

■ 1B0429

■ FFE5FF

■ 000114

■ 000000

■ 786089

■ 786089

■ 725289

■ 7E6E89

■ 6D4589

■ 837B89

673789

898989

612989

8F9789

5C1C89

94A589

560E89

9AB289

500089

A0C089

A5CE89

ABDB89

Harmonies

Analogous

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



5A6893



786089



8C5A76

Triad

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



786089



826440



1C7572

Complementary

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



786089



718960

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.



3A745C



786089



6E6B3E

Square

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



786089



905C4C



567149



117386

Rectangle

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



786089



935868



567149



26756B

Sweetspot

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



786089



ACA2B3



607189



554F59



D9D9D9



595959

Same Dimension

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



786089



9872B3



896086



423E45



4E0085



030005

Inverse Universe

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



896071



B3728D



608963



453E41



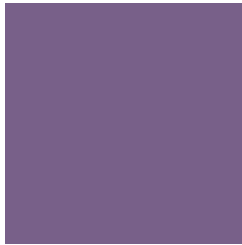
850037



050002

Previews

White Background



This preview shows how the Hex color 786089 looks on a white background.

Color Contrast Check

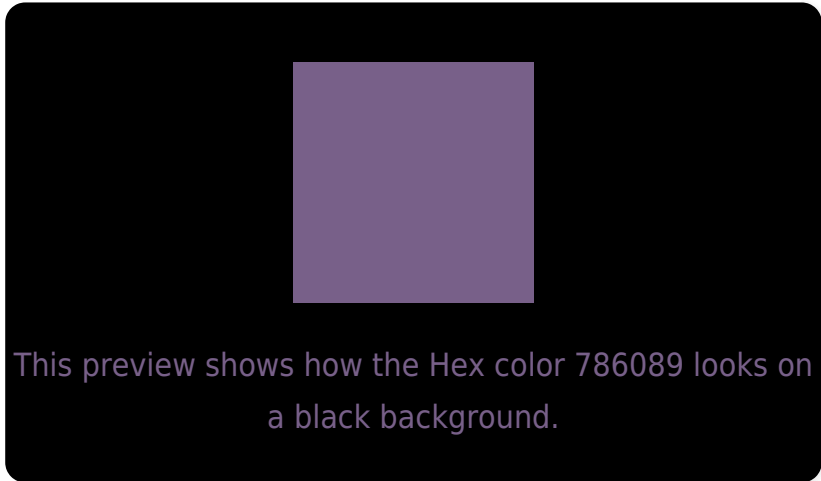
Large Text (above 18pt) WCAG AA ✓ Pass

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

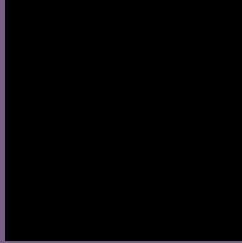
Any Text WCAG AA × Fail

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 786089 Background



This preview shows how black text looks on a background with the Hex color 786089.

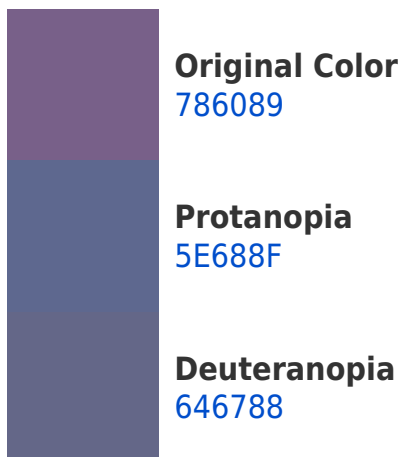



This preview shows how white text looks on a background with the Hex color 786089.

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
74656D

Trichromacy



Original Color
786089

Protanomaly
67658D

Deuteranomaly
6B6488

Tritanomaly
756377

Monochromacy



Original Color
786089

Achromatopsia
6C6C6C

Achromatomaly
706877

CSS Examples

Text

The CSS property to change the color of the text to Hex 786089 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 #786089 looks like.

```
.text, #text, p{  
    color:#786089  
}
```

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 #786089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786089
}
```

Border

The CSS property to change the border of an element to Hex 786089 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
#786089 }
```

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

```
.border{ border-color:#786089 }
```

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

Here you see how a box with a 4 pixel #786089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786089; -webkit-box-shadow:4px 4px  
4px 4px #786089; box-shadow:4px 4px 4px  
4px #786089 }
```

Background

The CSS property to change the background color of an element to Hex 786089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786089 }
```

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

```
.background{ background-color:#786089 }
```

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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