

Converting Colors

Hex(784496)

Have a look what the booklet for
Hex(784496) contains.

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Color

Hex(784496)

Conversions

Conversions Part 1

Format	Color
Hex	784496
RGB	120, 68, 150
RGB Percent	47%, 27%, 59%
CMY	0.5294, 0.7333, 0.4118
CMYK	0.20, 0.55, 0.00, 0.41
HSL	278°, 38%, 43%
HSV	278°, 55%, 59%
XYZ	15.3179, 10.3293, 30.0406
YIQ	92.8960, 4.6700, 36.5260

Conversions

Conversions Part 2

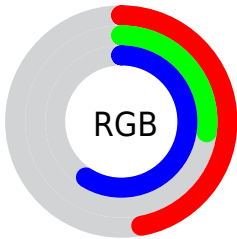
Format	Color
R _Y B	120, 68, 150
Decimal	7881878
CIE Lab	38.43, 37.50, -36.36
CIE LCh	38, 52.232, 315.882
Yxy	10.3293, 0.2751, 0.1855
Android (android.graphics.Color)	4286071958 (0xFF784496)
YUV	92.8960, 28.1523, 23.7702
Hunter-Lab	32.1393, 28.8311, -32.9209

Details

The Hex color **784496** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **629644**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **AE76CD**, and **441363** is the 20% darker color. If you saturate the color by 10%, you get **733596**, and if you desaturate by 10%, it is **7D5396**.

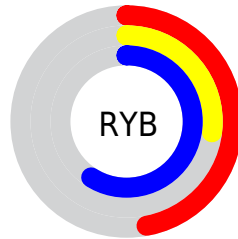
Distribution



Red (47%)

Green (27%)

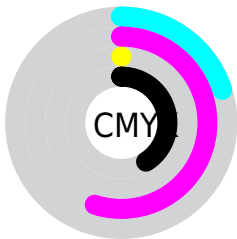
Blue (59%)



Red (47%)

Yellow (27%)

Blue (59%)

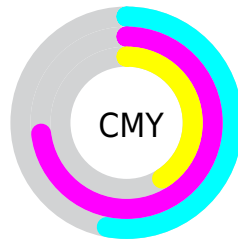


Cyan (20%)

Magenta (55%)

Yellow (0%)

Black (41%)



Cyan (53%)

Magenta (73%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 784496 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 784496 by changing the saturation by 10% instead.

784496

784496

FFFFFF

5E2C7C

AE76CD

441363

CA90E9

2B004A

E7ABFF

170033

FFC7FF

00021D

FFE3FF

000000

784496

784496

733596

7D5396

6D2696

836296

681796

887196

620896

8E8096

5F0096

938F96

999E96

9EAD96

A4BC96

A9CB96

Harmonies

Analogous

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



2558AD



784496



9C3070

Triad

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



784496



7E5100



006E70

Complementary

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



784496



629644

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.



006C44



784496



595F00

Square

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



784496



993E1E



236819



006C97

Rectangle

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



784496



A52B54



236819



006D62

Sweetspot

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



784496



B6A3C2



446296



5A4E61



E0E0E0



616161

Same Dimension

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



784496



9342C2



96448B



47434A



57008A



06000A

Inverse Universe

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



964462



C24271



44964F



4A4345



8A0032



0A0004

Previews

White Background



This preview shows how the Hex color 784496 looks on a white background.

Color Contrast Check

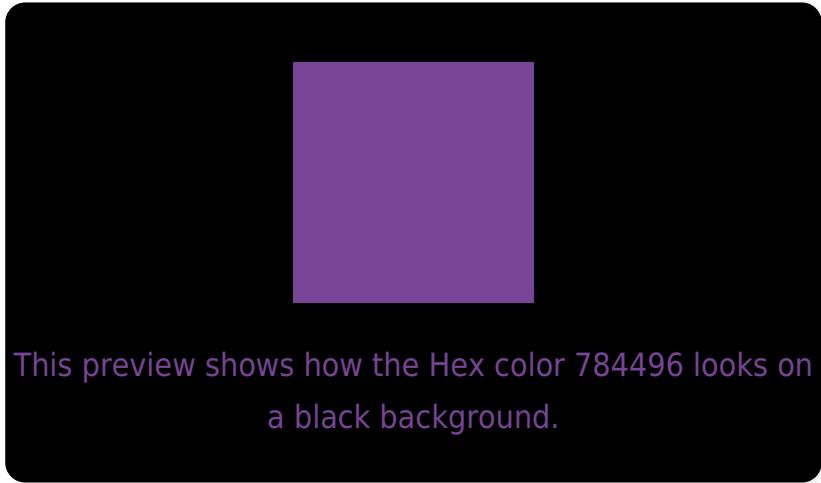
Large Text (above 18pt) WCAG AA ✓ Pass

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

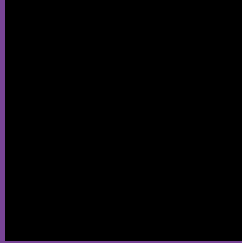
Any Text WCAG AA × Fail

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 784496 Background



This preview shows how black text looks on a background with the Hex color 784496.

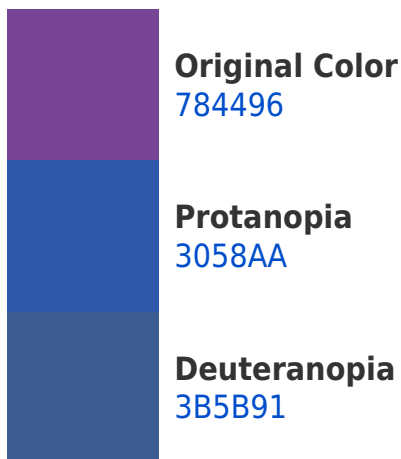



This preview shows how white text looks on a background with the Hex color 784496.

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
6E545A

Trichromacy



Original Color

784496



Protanomaly

4A51A3



Deuteranomaly

515393



Tritanomaly

724E70

Monochromacy



Original Color

784496



Achromatopsia

5D5D5D



Achromatomaly

675472

CSS Examples

Text

The CSS property to change the color of the text to Hex 784496 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 #784496 looks like.

```
.text, #text, p{  
    color:#784496  
}
```

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 #784496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784496
}
```

Border

The CSS property to change the border of an element to Hex 784496 is called "border". The border property can be set on classes, ids or directly on the HTML element.

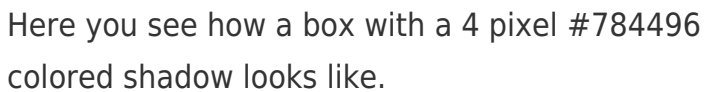
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784496 }
```

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

```
.border{ border-color:#784496 }
```

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



Here you see how a box with a 4 pixel #784496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784496; -webkit-box-shadow:4px 4px  
4px 4px #784496; box-shadow:4px 4px 4px  
4px #784496 }
```

Background

The CSS property to change the background color of an element to Hex 784496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784496 }
```

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

```
.background{ background-color:#784496 }
```

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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