

Converting Colors

Hex(786074)

Have a look what the booklet for
Hex(786074) contains.

Hex(786074)	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(786074)

Conversions

Conversions Part 1

Format	Color
Hex	786074
RGB	120, 96, 116
RGB Percent	47%, 38%, 45%
CMY	0.5294, 0.6235, 0.5451
CMYK	0.00, 0.20, 0.03, 0.53
HSL	310°, 11%, 42%
HSV	310°, 20%, 47%
XYZ	15.0810, 13.6198, 18.3570
YIQ	105.4560, 7.8840, 11.3080

Conversions

Conversions Part 2

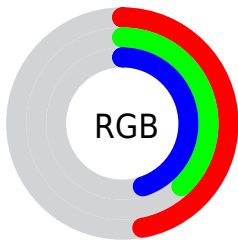
Format	Color
R_{YB}	120, 96, 116
Decimal	7889012
CIE _{Lab}	43.68, 13.43, -7.59
CIE _{LCh}	44, 15.428, 330.548
Yxy	13.6198, 0.3205, 0.2894
Android (android.graphics.Color)	4286079092 (0xFF786074)
YUV	105.4560, 5.1982, 12.7551
Hunter-Lab	36.9050, 8.3592, -3.6582

Details

The Hex color **786074** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **607864**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **AC93A8**, and **473244** is the 20% darker color. If you saturate the color by 10%, you get **785472**, and if you desaturate by 10%, it is **786C76**.

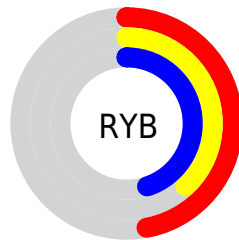
Distribution



Red (47%)

Green (38%)

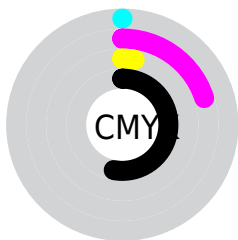
Blue (45%)



Red (47%)

Yellow (38%)

Blue (45%)

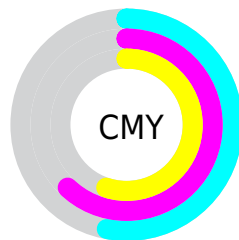


Cyan (0%)

Magenta (20%)

Yellow (3%)

Black (53%)



Cyan (53%)

Magenta (62%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786074 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 786074 by changing the saturation by 10% instead.



786074



786074

FFFFFF



5F485B



AC93A8



473244



C8ADC3



301C2E



E4C9DF



1D0419



FFE5FC



000000



786074



786074



785472



786C76



784870



787878



783C6E



78847A

78306C

78907C

78246A

789C7E

781868

78A880

780C66

78B482

780064

78C084

78CC86

Harmonies

Analogous

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



6A647D



786074



805E67

Triad

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



786074



71664E



436E74

Complementary

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



786074



607864

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.



486F67



786074



636A51

Square

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



786074



7B6251



546D5A



496C7D

Rectangle

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



786074



825E5F



546D5A



446E70

Sweetspot

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



786074



9C929A



646078



4F4A4E



CFCFCF



4F4F4F

Same Dimension

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



786074



9C7695



786068



3D373C



7D0068



FC00D2

Inverse Universe

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



786074



9C7695



607870



3D373C



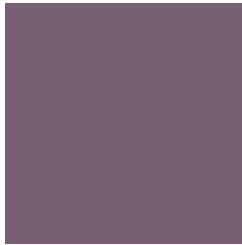
7D0068



FC00D2

Previews

White Background



This preview shows how the Hex color 786074 looks on a white background.

Color Contrast Check

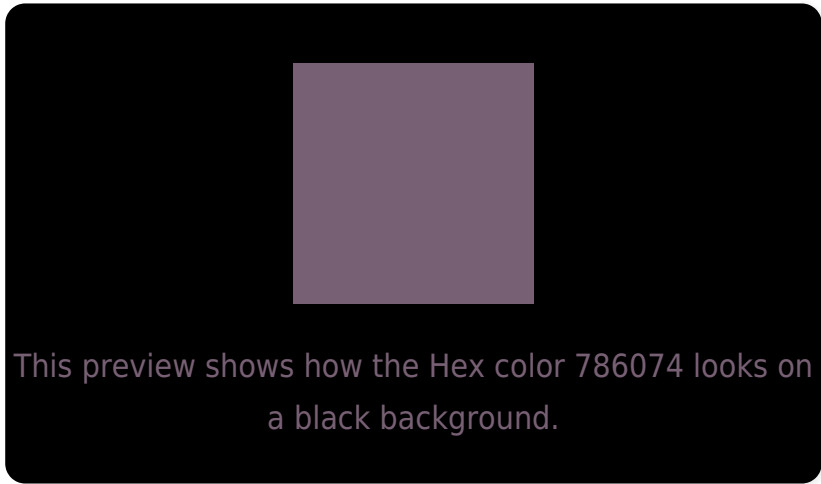
Large Text (above 18pt) WCAG AA ✓ Pass

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

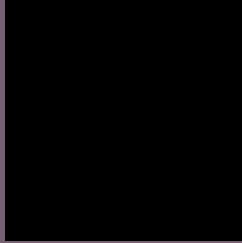
Any Text WCAG AA × Fail

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 786074 Background



This preview shows how black text looks on a background with the Hex color 786074.



This preview shows how white text looks on a background with the Hex color 786074.

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
786074

Protanopia
646778

Deuteranopia
6C6573



Tritanopia
776269

Trichromacy



Original Color
786074

Protanomaly
6B6477

Deuteranomaly
706373

Tritanomaly
77616D

Monochromacy



Original Color
786074

Achromatopsia
696969

Achromatomaly
6E666D

CSS Examples

Text

The CSS property to change the color of the text to Hex 786074 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 #786074 looks like.

```
.text, #text, p{  
    color:#786074  
}
```

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 #786074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786074  
}
```

Border

The CSS property to change the border of an element to Hex 786074 is called "border". The border property can be set on classes, ids or directly on the HTML element.

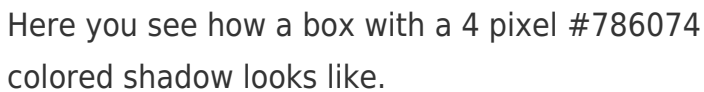
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#786074 }
```

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

```
.border{ border-color:#786074 }
```

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



Here you see how a box with a 4 pixel #786074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786074; -webkit-box-shadow:4px 4px  
4px 4px #786074; box-shadow:4px 4px 4px  
4px #786074 }
```

Background

The CSS property to change the background color of an element to Hex 786074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786074 }
```

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

```
.background{ background-color:#786074 }
```

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