

Converting Colors

Hex(786475)

Have a look what the booklet for
Hex(786475) contains.

Hex(786475)	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(786475)

Conversions

Conversions Part 1

Format	Color
Hex	786475
RGB	120, 100, 117
RGB Percent	47%, 39%, 46%
CMY	0.5294, 0.6078, 0.5412
CMYK	0.00, 0.17, 0.03, 0.53
HSL	309°, 9%, 43%
HSV	309°, 17%, 47%
XYZ	15.5138, 14.3918, 18.7898
YIQ	107.9180, 6.4630, 9.5270

Conversions

Conversions Part 2

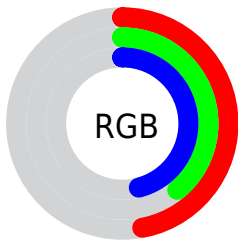
Format	Color
R _Y B	120, 100, 117
Decimal	7890037
CIE Lab	44.79, 11.23, -6.54
CIE LCh	45, 12.993, 329.784
Yxy	14.3918, 0.3186, 0.2955
Android (android.graphics.Color)	4286080117 (0xFF786475)
YUV	107.9180, 4.4774, 10.5959
Hunter-Lab	37.9365, 6.6071, -2.8107

Details

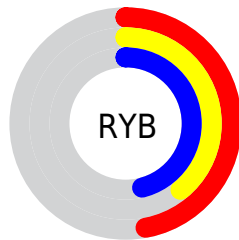
The Hex color **786475** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **647867**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **AC97A9**, and **473545** is the 20% darker color. If you saturate the color by 10%, you get **785873**, and if you desaturate by 10%, it is **787077**.

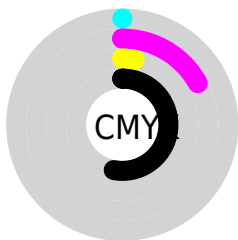
Distribution



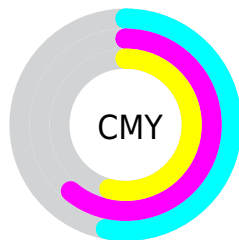
- Red (47%)
- Green (39%)
- Blue (46%)



- Red (47%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (53%)



- Cyan (53%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786475 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 786475 by changing the saturation by 10% instead.

■ 786475

■ 786475

FFFFFF

■ 5F4C5C

■ AC97A9

■ 473545

■ C8B2C4

■ 31202F

■ E4CDE0

■ 1C091A

■ FFE9FD

■ 000000

■ 786475

■ 786475

■ 785873

■ 787077

■ 784C71

■ 787C79

■ 784070

■ 78887A

■ 78346E

■ 78947C

■ 78286C

■ 78A07E

■ 781C6A

■ 78AC80

■ 781068

■ 78B882

■ 780467

■ 78C483

■ 780066

■ 78D085

Harmonies

Analogous

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



6C677D



786475



7F626A

Triad

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



786475



726954



4D7074

Complementary

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



786475



647867

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.



517069



786475



676D57

Square

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



786475



7C6658



5A6F5F



526E7C

Rectangle

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



786475



816363



5A6F5F



4D7071

Sweetspot

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



786475



9C949A



676478



4F4A4E



CFCFCF



4F4F4F

Same Dimension

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



786475



9C7C97



78646B



3D373C



7D006A



FC00D7

Inverse Universe

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



786475



9C7C97



647871



3D373C



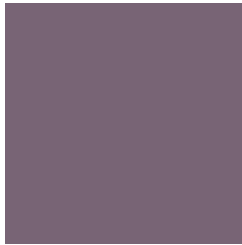
7D006A



FC00D7

Previews

White Background



This preview shows how the Hex color 786475 looks on a white background.

Color Contrast Check

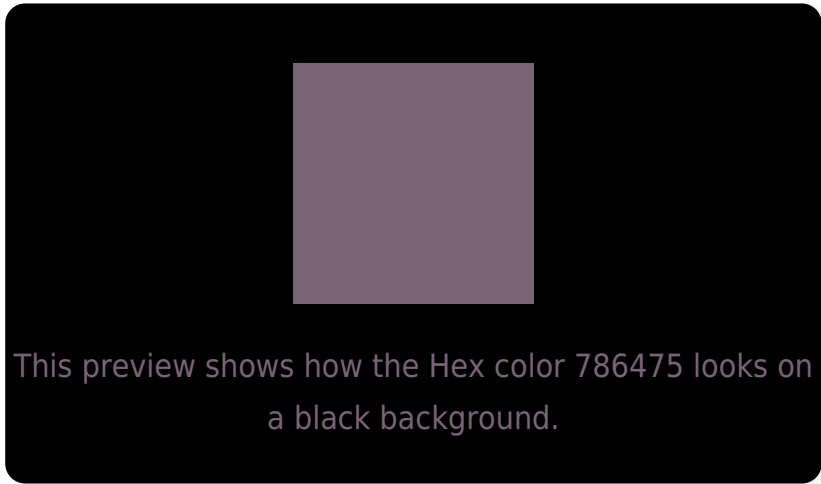
Large Text (above 18pt) WCAG AA ✓ Pass

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

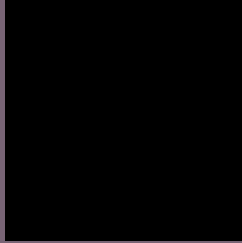
Any Text WCAG AA × Fail

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 786475 Background



This preview shows how black text looks on a background with the Hex color 786475.



This preview shows how white text looks on a background with the Hex color 786475.

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
786475

Protanopia
686978

Deuteranopia
706774



Tritanopia
77656D

Trichromacy



Original Color
786475

Protanomaly
6E6777

Deuteranomaly
736674

Tritanomaly
776570

Monochromacy



Original Color
786475

Achromatopsia
6C6C6C

Achromatomaly
70696F

CSS Examples

Text

The CSS property to change the color of the text to Hex 786475 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 #786475 looks like.

```
.text, #text, p{  
    color:#786475  
}
```

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 #786475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786475  
}
```

Border

The CSS property to change the border of an element to Hex 786475 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  
#786475 }
```

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

```
.border{ border-color:#786475 }
```

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

Here you see how a box with a 4 pixel #786475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786475; -webkit-box-shadow:4px 4px  
4px 4px #786475; box-shadow:4px 4px 4px  
4px #786475 }
```

Background

The CSS property to change the background color of an element to Hex 786475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786475 }
```

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

```
.background{ background-color:#786475 }
```

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