

Converting Colors

Hex(787387)

Have a look what the booklet for
Hex(787387) contains.

Hex(787387)	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(787387)

Conversions

Conversions Part 1

Format	Color
Hex	787387
RGB	120, 115, 135
RGB Percent	47%, 45%, 53%
CMY	0.5294, 0.5490, 0.4706
CMYK	0.11, 0.15, 0.00, 0.47
HSL	255°, 8%, 49%
HSV	255°, 15%, 53%
XYZ	18.2496, 18.0038, 25.4349
YIQ	118.7750, -3.4400, 7.2800

Conversions

Conversions Part 2

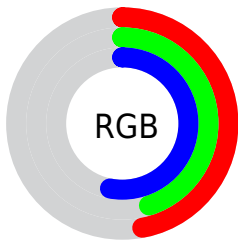
Format	Color
R_{YB}	120, 115, 135
Decimal	7893895
CIE _{Lab}	49.50, 6.12, -10.24
CIE _{LCh}	50, 11.932, 300.870
Yxy	18.0038, 0.2958, 0.2919
Android (android.graphics.Color)	4286083975 (0xFF787387)
YUV	118.7750, 7.9989, 1.0743
Hunter-Lab	42.4309, 2.5192, -5.8393

Details

The Hex color **787387** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **828773**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **ACA7BC**, and **474355** is the 20% darker color. If you saturate the color by 10%, you get **6E6687**, and if you desaturate by 10%, it is **828187**.

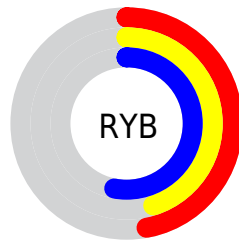
Distribution



Red (47%)

Green (45%)

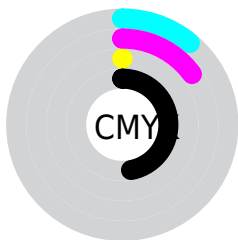
Blue (53%)



Red (47%)

Yellow (45%)

Blue (53%)

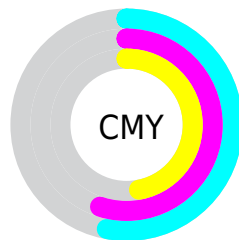


Cyan (11%)

Magenta (15%)

Yellow (0%)

Black (47%)



Cyan (53%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787387 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 787387 by changing the saturation by 10% instead.

■ 787387

■ 787387

FFFFFF

■ 5F5A6E

■ ACA7BC

■ 474355

■ C8C2D8

■ 312D3E

■ E4DEF4

■ 1C1828

■ FFFBFF

■ 000014

■ 000000

■ 787387

■ 787387

■ 6E6687

■ 828187

■ 645887

■ 8C8E87

■ 5A4B87

■ 969C87

■ 503D87

■ A1A987

■ 453087

■ ABB787

■ 3B2287

■ B5C487

■ 311587

■ BFD287

■ 270787

■ C9DF87

■ 220087

■ D3ED87

Harmonies

Analogous

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



6B768A



787387



837080

Triad

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



787387



867264



5E7C76

Complementary

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



787387



828773

Split Complementary

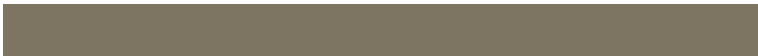
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



677B6C



787387



7D7562

Square

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



787387



8B6F6C



727864



5B7B80

Rectangle

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



787387



886F79



727864



617B72

Sweetspot

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



787387



ABA9B0



738287



565559



D9D9D9



595959

Same Dimension

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



787387



9890B0



827387



3D3C42



210082



010003

Inverse Universe

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



877382



B090A8



788773



423C41



820062



030002

Previews

White Background



This preview shows how the Hex color 787387 looks on a white background.

Color Contrast Check

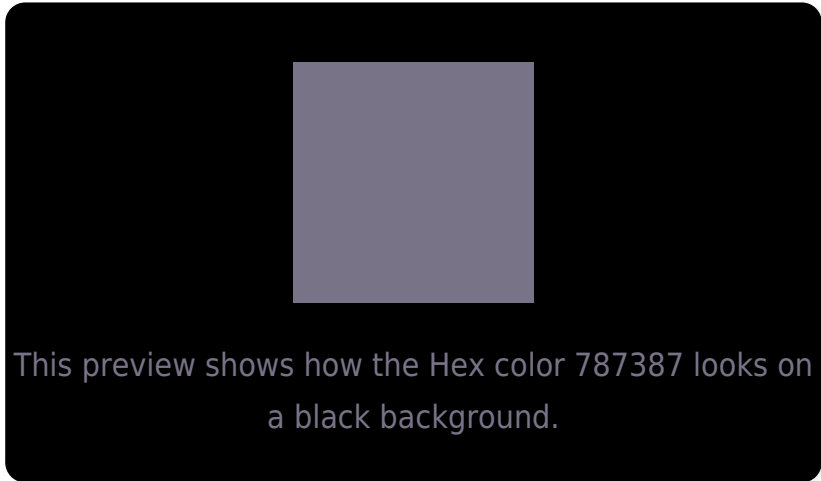
Large Text (above 18pt) WCAG AA ✓ Pass

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

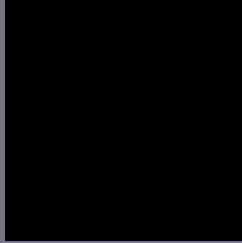
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 787387 Background



This preview shows how black text looks on a background with the Hex color 787387.



This preview shows how white text looks on a background with the Hex color 787387.

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
787387

Protanopia
727588

Deuteranopia
797387

Trichromacy



Original Color

787387

Protanomaly

747488

Deuteranomaly

797387

Tritanomaly

777481

Monochromacy



Original Color

787387

Achromatopsia

777777

Achromatomaly

77767D

CSS Examples

Text

The CSS property to change the color of the text to Hex 787387 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 #787387 looks like.

```
.text, #text, p{  
    color:#787387  
}
```

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 #787387 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787387
}
```

Border

The CSS property to change the border of an element to Hex 787387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

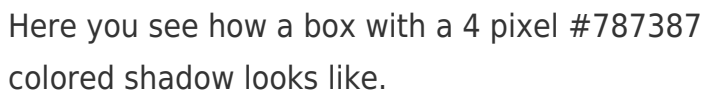
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#787387 }
```

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

```
.border{ border-color:#787387 }
```

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



Here you see how a box with a 4 pixel #787387 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787387; -webkit-box-shadow:4px 4px  
4px 4px #787387; box-shadow:4px 4px 4px  
4px #787387 }
```

Background

The CSS property to change the background color of an element to Hex 787387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787387 }
```

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

```
.background{ background-color:#787387 }
```

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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