

Converting Colors

Hex(287765)

Have a look what the booklet for
Hex(287765) contains.

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Color

Hex(287765)

Conversions

Conversions Part 1

Format	Color
Hex	287765
RGB	40, 119, 101
RGB Percent	16%, 47%, 40%
CMY	0.8431, 0.5333, 0.6039
CMYK	0.66, 0.00, 0.15, 0.53
HSL	166°, 50%, 31%
HSV	166°, 66%, 47%
XYZ	9.8209, 14.5844, 14.6094
YIQ	93.3270, -41.3060, -22.3460

Conversions

Conversions Part 2

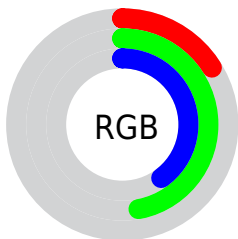
Format	Color
RYB	40, 85, 119
Decimal	2652005
CIELab	45.06, -28.56, 2.89
CIELCh	45, 28.709, 174.230
Yxy	14.5844, 0.2517, 0.3738
Android (android.graphics.Color)	4280842085 (0xFF287765)
YUV	93.3270, 3.7828, -46.7678
Hunter-Lab	38.1895, -20.9282, 4.0513




Details

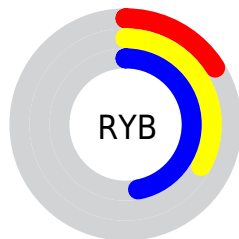
The Hex color **287765** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **77283A**, and the grayscale version is **5D5D5D**.




A 20% lighter version of the original color is **5FAC98**, and **004636** is the 20% darker color. If you saturate the color by 10%, you get **1C7762**, and if you desaturate by 10%, it is **347768**.

Distribution







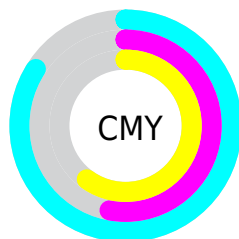
-  Red (16%)
-  Green (47%)
-  Blue (40%)






-  Red (16%)
-  Yellow (33%)
-  Blue (47%)



-  Cyan (66%)
-  Magenta (0%)
-  Yellow (15%)
-  Black (53%)



-  Cyan (84%)
-  Magenta (53%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 287765 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 287765 by changing the saturation by 10% instead.

 287765

 287765

FFFFFF

 005E4D

 5FAC98

 004636

 7AC7B3

 002F21

 96E3CE

 001B0A

 B2FFEA

 000000

 CEFFFF

 EBFFFF

 287765

 287765

 1C7762

 347768

■ 107760

■ 40776A

■ 04775D

■ 4C776D

■ 00775C

■ 587770

■ 647773

■ 6F7775

■ 7B7778

■ 87777B

■ 93777D

Harmonies

Analogous

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



4A744E



287765



00777D

Triad

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



287765



666696



905F45

Complementary

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



287765



77283A

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.



995958



287765



845D87

Square

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



287765



3E6E9A



955870



7E683B

Rectangle

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



287765



00758B



955870



945D4A

Sweetspot

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



287765



7C9C94



3A7728



3C4F4B



CFCFCF



4F4F4F

Same Dimension

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



287765



1F9C7F



286277



353B39



007A5F



00FAC1

Inverse Universe

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



77283A



9C1F3B



773D28



3B3536



7A001C



FA0039

Previews

White Background



This preview shows how the Hex color 287765 looks on a white background.

Color Contrast Check

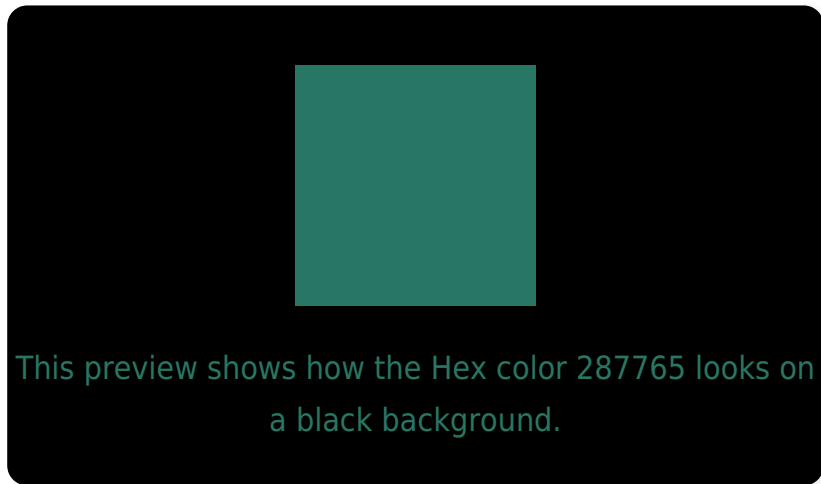
Large Text (above 18pt) WCAG AA ✓ Pass

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

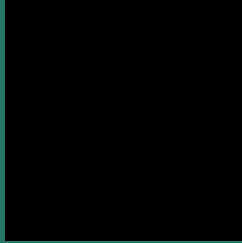
Any Text WCAG AA × Fail

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 287765 Background



This preview shows how black text looks on a background with the Hex color 287765.



This preview shows how white text looks on a background with the Hex color 287765.

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
287765

Protanopia
6F6A5E

Deuteranopia
756769

Trichromacy



Original Color
287765

Protanomaly
556F61

Deuteranomaly
596D68

Tritanomaly
2F7574

Monochromacy



Original Color
287765

Achromatopsia
5D5D5D

Achromatomaly
4A6660

CSS Examples

Text

The CSS property to change the color of the text to Hex 287765 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 #287765 looks like.

```
.text, #text, p{  
    color:#287765  
}
```

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 #287765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #287765
}
```

Border

The CSS property to change the border of an element to Hex 287765 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
#287765 }
```

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

```
.border{ border-color:#287765 }
```

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

Here you see how a box with a 4 pixel #287765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #287765; -webkit-box-shadow:4px 4px  
4px 4px #287765; box-shadow:4px 4px 4px  
4px #287765 }
```

Background

The CSS property to change the background color of an element to Hex 287765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#287765 }
```

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

```
.background{ background-color:#287765 }
```

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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