

Converting Colors

Hex(286787)

Have a look what the booklet for
Hex(286787) contains.

Hex(286787)	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(286787)

Conversions

Conversions Part 1

Format	Color
Hex	286787
RGB	40, 103, 135
RGB Percent	16%, 40%, 53%
CMY	0.8431, 0.5961, 0.4706
CMYK	0.70, 0.24, 0.00, 0.47
HSL	200°, 54%, 34%
HSV	200°, 70%, 53%
XYZ	10.0985, 11.9009, 24.6865
YIQ	87.8110, -47.8200, -3.4040

Conversions

Conversions Part 2

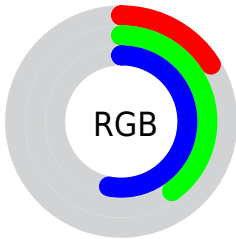
Format	Color
R_{YB}	40, 78, 135
Decimal	2647943
CIE _{Lab}	41.06, -9.13, -23.58
CIE _{LCh}	41, 25.282, 248.842
Yxy	11.9009, 0.2163, 0.2549
Android (android.graphics.Color)	4280838023 (0xFF286787)
YUV	87.8110, 23.2642, -41.9302
Hunter-Lab	34.4977, -8.1186, -18.2796

Details

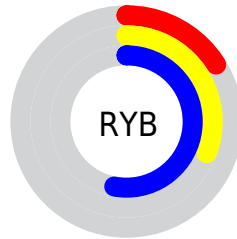
The Hex color **286787** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **874828**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **619ABC**, and **003855** is the 20% darker color. If you saturate the color by 10%, you get **1B6287**, and if you desaturate by 10%, it is **366C87**.

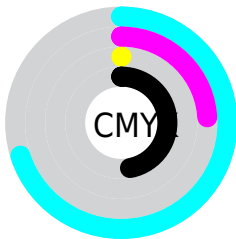
Distribution



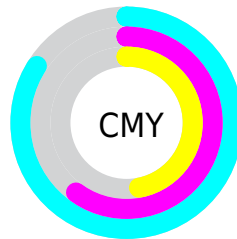
- Red (16%)
- Green (40%)
- Blue (53%)



- Red (16%)
- Yellow (31%)
- Blue (53%)



- Cyan (70%)
- Magenta (24%)
- Yellow (0%)
- Black (47%)



- Cyan (84%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 286787 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 286787 by changing the saturation by 10% instead.

■ 286787

■ 286787

FFFFFF

■ 004F6E

■ 619ABC

■ 003855

■ 7DB5D8

■ 00233E

■ 98D0F5

■ 000A28

■ B5EDFF

■ 000112

■ D1FFFF

■ 000000

■ EFFFFFF

■ 286787

■ 286787

■ 1B6287

■ 366C87

0D5E87

437087

005A87

517587

5E7987

6C7E87

798287

878787

948B87

A29087

Harmonies

Analogous

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



046B7A



286787



4D618A

Triad

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



286787



89515B



526740

Complementary

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



286787



874828

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.



686237



286787



875448

Square

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



286787



805370



7B5A3A



386B51

Rectangle

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



286787



625C85



7B5A3A



5A663C

Sweetspot

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



286787



8BA4B0



288748



435259



D9D9D9



595959

Same Dimension

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



286787



1C7EB0



283887



3C4042



005682



000203

Inverse Universe

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



872867



B01C7E



877728



423C40



820056



030002

Previews

White Background



This preview shows how the Hex color 286787 looks on a white background.

Color Contrast Check

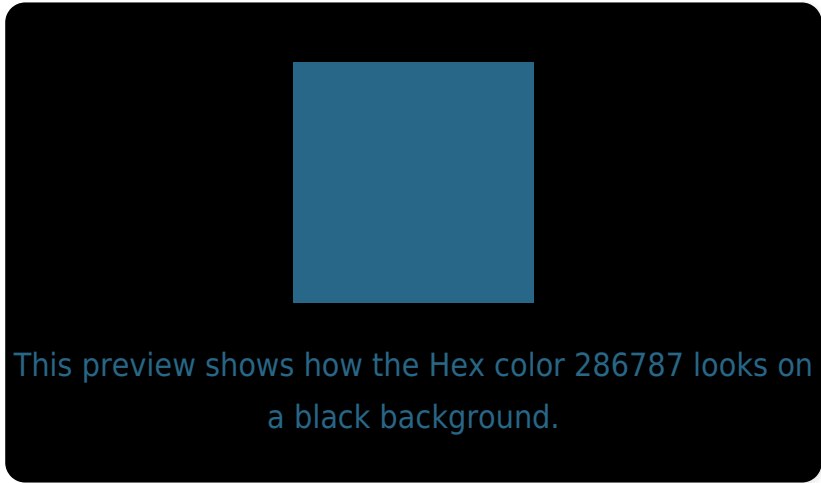
Large Text (above 18pt) WCAG AA ✓ Pass

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 286787 Background



This preview shows how black text looks on a background with the Hex color 286787.

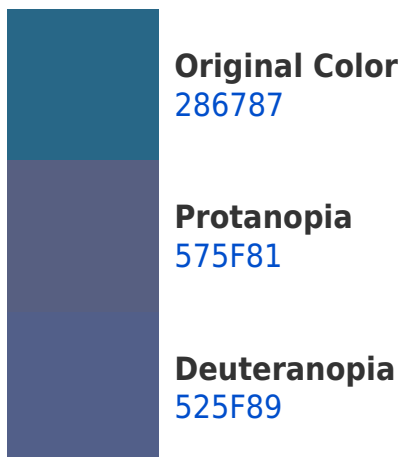


This preview shows how white text looks on a background with the Hex color 286787.

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](#).

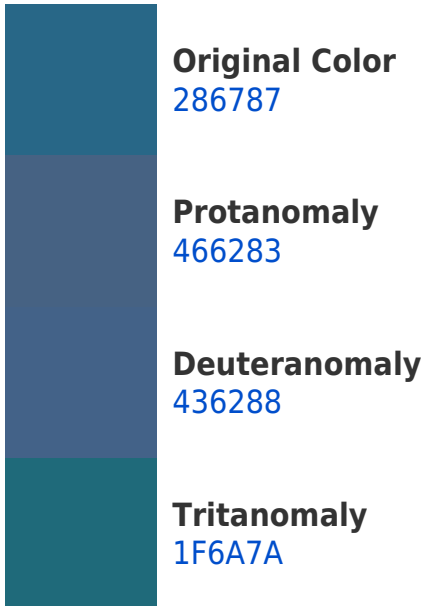
Dichromacy



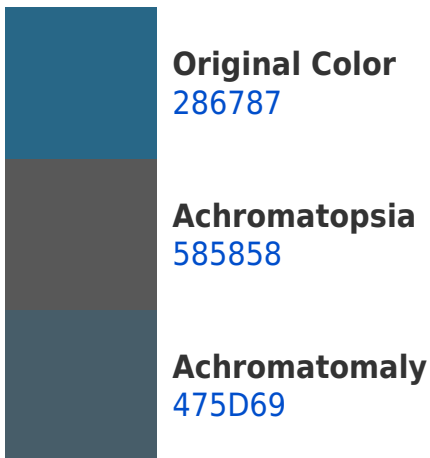


Tritanopia
1A6B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 286787 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 #286787 looks like.

```
.text, #text, p{  
    color:#286787  
}
```

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 #286787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286787
}
```

Border

The CSS property to change the border of an element to Hex 286787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

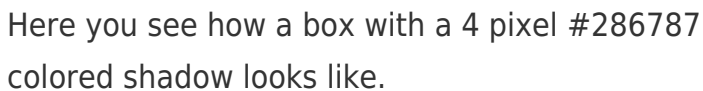
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#286787 }
```

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

```
.border{ border-color:#286787 }
```

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



Here you see how a box with a 4 pixel #286787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286787; -webkit-box-shadow:4px 4px  
4px 4px #286787; box-shadow:4px 4px 4px  
4px #286787 }
```

Background

The CSS property to change the background color of an element to Hex 286787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286787 }
```

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

```
.background{ background-color:#286787 }
```

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