

# Converting Colors

Hex(286659)

Have a look what the booklet for  
Hex(286659) contains.

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# Color

**Hex(286659)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	286659
RGB	40, 102, 89
RGB Percent	16%, 40%, 35%
CMY	0.8431, 0.6000, 0.6510
CMYK	0.61, 0.00, 0.13, 0.60
HSL	167°, 44%, 28%
HSV	167°, 61%, 40%
XYZ	7.4296, 10.6751, 11.1201
YIQ	81.9800, -32.7790, -17.1870

# Conversions

## Conversions Part 2

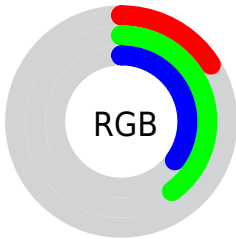
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 75, 102
Decimal	2647641
CIELab	39.03, -23.40, 1.39
CIELCh	39, 23.444, 176.602
Yxy	10.6751, 0.2542, 0.3653
Android (android.graphics.Color)	4280837721 (0xFF286659)
YUV	81.9800, 3.4609, -36.8165
Hunter-Lab	32.6728, -16.5875, 2.6918

# Details

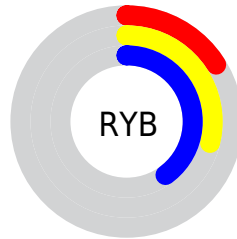
The Hex color **286659** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **662835**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5C998B**, and **00362C** is the 20% darker color. If you saturate the color by 10%, you get **1E6657**, and if you desaturate by 10%, it is **32665B**.

# Distribution



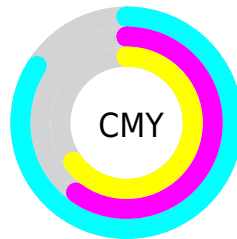
- Red (16%)
- Green (40%)
- Blue (35%)



- Red (16%)
- Yellow (29%)
- Blue (40%)



- Cyan (61%)
- Magenta (0%)
- Yellow (13%)
- Black (60%)



- Cyan (84%)
- Magenta (60%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 286659 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 286659 by changing the saturation by 10% instead.





286659



286659

FFFFFF



084E42



5C998B



00362C



76B4A5



002117



91D0C0



000000



ACECDC



C8FFF9



E5FFFF



286659



286659



1E6657



32665B

■ 146655

■ 3C665D

■ 096653

■ 47665F

■ 006651

■ 516662

■ 5B6664

■ 656666

■ 6F6668

■ 7A666A

■ 84666C

# Harmonies

## Analogous

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



416446



286659



11666C

# Triad

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



286659



5B587E



79533D

# Complementary

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



286659



662835

# 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.



814E4C



286659



725171

# Square

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



286659



3D5E82



7F4D5F



6B5A36

# Rectangle

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



286659



146477



7F4D5F



7D5141



# Sweetspot

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



286659



6D8580



356628



34423F



C2C2C2



424242



# Same Dimension

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



286659



248570



285466



2E3332



00735B



00F2BF



# Inverse Universe

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



662835



852438



663A28



332E2F



730018



F20033



# Previews

## White Background



This preview shows how the Hex color 286659 looks on a white background.

## Color Contrast Check

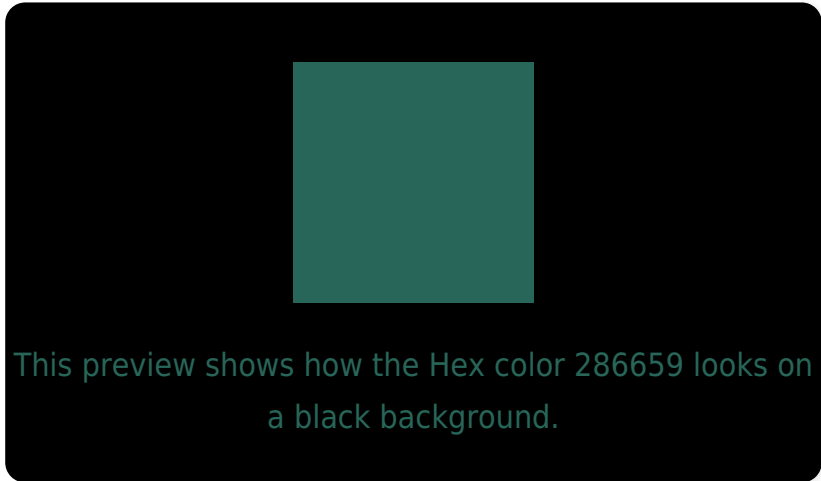
Large Text (above 18pt) WCAG AA ✓ Pass

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

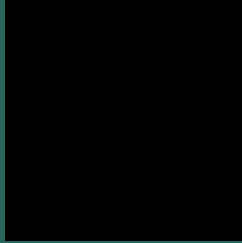
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 286659 Background



This preview shows how black text looks on a background with the Hex color 286659.



This preview shows how white text looks on a background with the Hex color 286659.

# 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**  
286659

**Protanopia**  
5F5B53

**Deuteranopia**  
64595C



**Tritanopia**  
2F636B

# Trichromacy



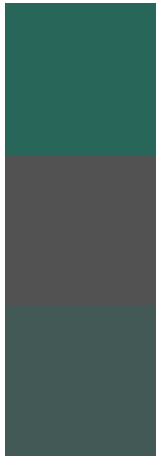
**Original Color**  
286659

**Protanomaly**  
4B5F55

**Deuteranomaly**  
4E5E5B

**Tritanomaly**  
2C6464

# Monochromacy



**Original Color**  
286659

**Achromatopsia**  
525252

**Achromatomaly**  
435955

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 286659 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 #286659 looks like.

```
.text, #text, p{  
    color:#286659  
}
```

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 #286659 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286659
}
```

## Border

The CSS property to change the border of an element to Hex 286659 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
#286659 }
```

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

```
.border{ border-color:#286659 }
```

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

Here you see how a box with a 4 pixel #286659 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286659; -webkit-box-shadow:4px 4px  
4px 4px #286659; box-shadow:4px 4px 4px  
4px #286659 }
```

# Background

The CSS property to change the background color of an element to Hex 286659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286659 }
```

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

```
.background{ background-color:#286659 }
```

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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