

# Converting Colors

Hex(286186)

Have a look what the booklet for  
Hex(286186) contains.

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# Color

**Hex(286186)**

# Conversions

## Conversions Part 1

Format	Color
Hex	286186
RGB	40, 97, 134
RGB Percent	16%, 38%, 53%
CMY	0.8431, 0.6196, 0.4745
CMYK	0.70, 0.28, 0.00, 0.47
HSL	204°, 54%, 34%
HSV	204°, 70%, 53%
XYZ	9.4528, 10.7217, 24.1255
YIQ	84.1750, -45.8490, -0.5770

# Conversions

## Conversions Part 2

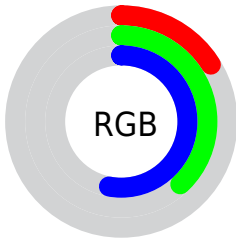
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 75, 134
Decimal	2646406
CIELab	39.11, -5.88, -26.01
CIELCh	39, 26.666, 257.268
Yxy	10.7217, 0.2134, 0.2420
Android (android.graphics.Color)	4280836486 (0xFF286186)
YUV	84.1750, 24.5637, -38.7415
Hunter-Lab	32.7441, -5.7712, -20.7635

# Details

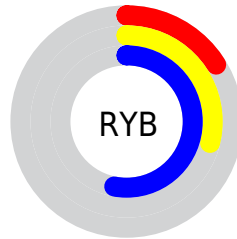
The Hex color **286186** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **864D28**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6193BB**, and **003354** is the 20% darker color. If you saturate the color by 10%, you get **1B5C86**, and if you desaturate by 10%, it is **356686**.

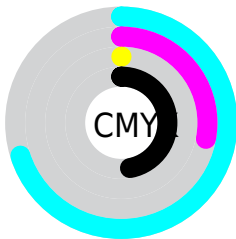
# Distribution



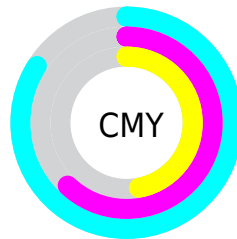
- Red (16%)
- Green (38%)
- Blue (53%)



- Red (16%)
- Yellow (29%)
- Blue (53%)



- Cyan (70%)
- Magenta (28%)
- Yellow (0%)
- Black (47%)



- Cyan (84%)
- Magenta (62%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 286186 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 286186 by changing the saturation by 10% instead.



■ 286186

■ 286186

FFFFFF

■ 00496D

■ 6193BB

■ 003354

■ 7CAED7

■ 001E3D

■ 98C9F4

■ 000327

■ B4E5FF

■ 000110

■ D1FFFF

■ 000000

■ EEEFFF

■ 286186

■ 286186

■ 1B5C86

■ 356686

■ 0D5686

■ 436C86

■ 005186

■ 507186

■ 5E7686

■ 6B7B86

■ 788186

■ 868686

■ 938B86

■ A19086

# Harmonies

## Analogous

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



00667B



286186



505A85

# Triad

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



286186



864B50



45643E

# Complementary

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



286186



864D28

# 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.



5D5F32



286186



80503D

# Square

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



286186



804C66



725832



276752

# Rectangle

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



286186



65547F



725832



4E6239



# Sweetspot

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



286186



899FAD



28864C



414E57



D6D6D6



575757



# Same Dimension

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



286186



1C74AD



283386



3C4042



004F82



000203



# Inverse Universe

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



862861



AD1C74



867B28



423C40



82004F



030002



# Previews

## White Background



This preview shows how the Hex color 286186 looks on a white background.

## Color Contrast Check

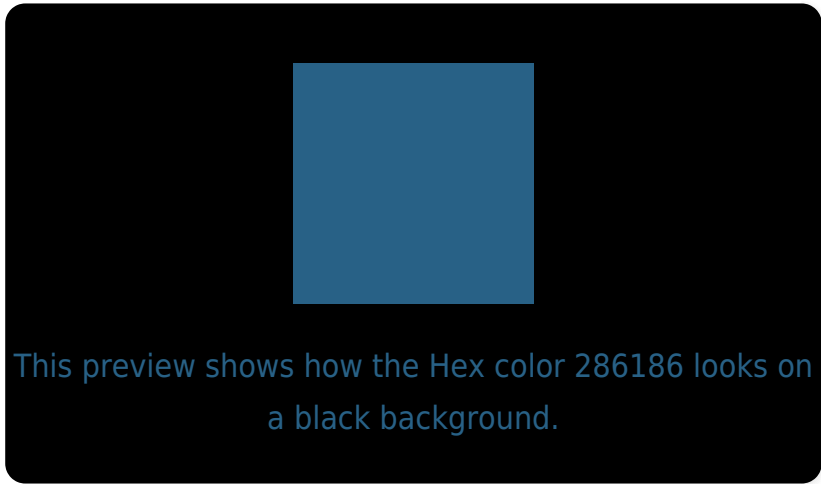
Large Text (above 18pt) WCAG AA ✓ Pass

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 286186 Background



This preview shows how black text looks on a background with the Hex color 286186.

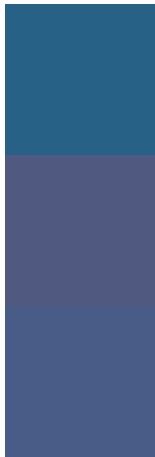


This preview shows how white text looks on a background with the Hex color 286186.

# 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**  
286186

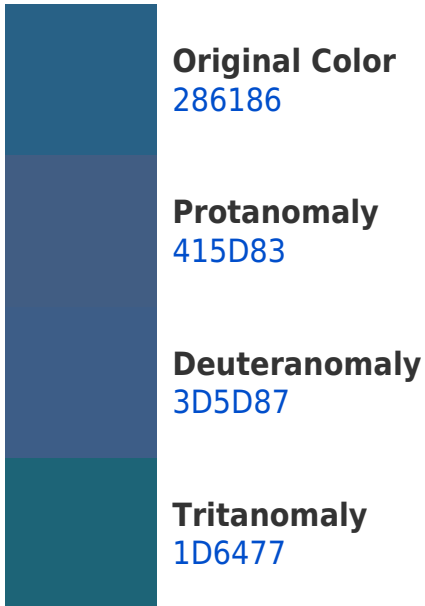
**Protanopia**  
505A81

**Deuteranopia**  
495B87



**Tritanopia**  
16666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 286186 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 #286186 looks like.

```
.text, #text, p{  
    color:#286186  
}
```

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 #286186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286186
}
```

## Border

The CSS property to change the border of an element to Hex 286186 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
#286186 }
```

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

```
.border{ border-color:#286186 }
```

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

Here you see how a box with a 4 pixel #286186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286186; -webkit-box-shadow:4px 4px  
4px 4px #286186; box-shadow:4px 4px 4px  
4px #286186 }
```

# Background

The CSS property to change the background color of an element to Hex 286186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286186 }
```

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

```
.background{ background-color:#286186 }
```

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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