

# Converting Colors

Hex(286568)

Have a look what the booklet for  
Hex(286568) contains.

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# Color

**Hex(286568)**

# Conversions

## Conversions Part 1

Format	Color
Hex	286568
RGB	40, 101, 104
RGB Percent	16%, 40%, 41%
CMY	0.8431, 0.6039, 0.5922
CMYK	0.62, 0.03, 0.00, 0.59
HSL	183°, 44%, 28%
HSV	183°, 62%, 41%
XYZ	8.0274, 10.7580, 14.7501
YIQ	83.1030, -37.3190, -11.9990

# Conversions

## Conversions Part 2

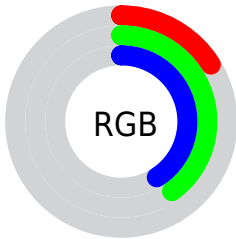
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 71, 104
Decimal	2647400
CIELab	39.17, -18.43, -7.60
CIElCh	39, 19.932, 202.403
Yxy	10.7580, 0.2394, 0.3208
Android (android.graphics.Color)	4280837480 (0xFF286568)
YUV	83.1030, 10.3022, -37.8013
Hunter-Lab	32.7993, -13.7120, -3.7036

# Details

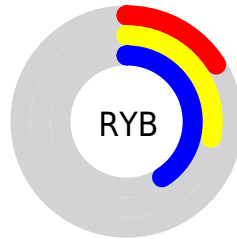
The Hex color **286568** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **682B28**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5D989B**, and **003639** is the 20% darker color. If you saturate the color by 10%, you get **1E6568**, and if you desaturate by 10%, it is **326568**.

# Distribution



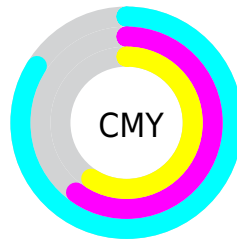
- Red (16%)
- Green (40%)
- Blue (41%)



- Red (16%)
- Yellow (28%)
- Blue (41%)



- Cyan (62%)
- Magenta (3%)
- Yellow (0%)
- Black (59%)



- Cyan (84%)
- Magenta (60%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 286568 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 286568 by changing the saturation by 10% instead.



 286568

 286568

FFFFFF

 064D50

 5D989B

 003639

 78B3B6

 002124

 92CFD1

 00010E

 AEEBEE

 000000

 CAFFFF

 E7FFFF

 286568

 286568

 1E6568

 326568

■ 136468

■ 3D6668

■ 096468

■ 476668

■ 006368

■ 526768

■ 5C6768

■ 666868

■ 716868

■ 7B6968

■ 866968

# Harmonies

## Analogous

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



366557



286568



2C6375

# Triad

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



286568



6D5470



6B5A3C

# Complementary

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



286568



682B28

# 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.



775443



286568



795061

# Square

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



286568



595A7A



7D5151



5B5F3E

# Rectangle

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



286568



39617B



7D5151



70583E



# Sweetspot

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



286568



6F8687



28682A



364445



C4C4C4



454545



# Same Dimension

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



286568



238287



284668



2E3333



006D73



00E7F2



# Inverse Universe

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



682865



872382



684A28



332E33



73006D

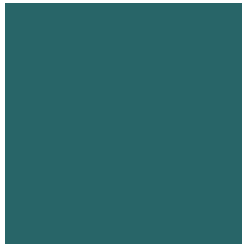


F200E7



# Previews

## White Background



This preview shows how the Hex color 286568 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

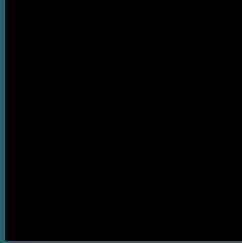
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 286568 Background



This preview shows how black text looks on a background with the Hex color 286568.

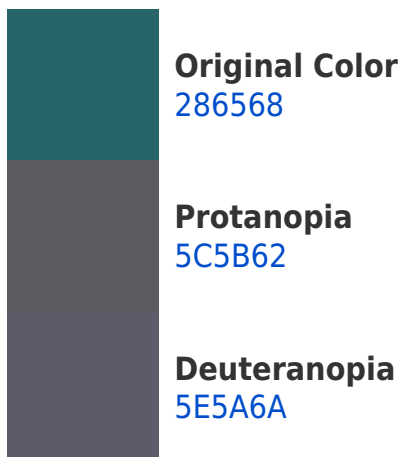



This preview shows how white text looks on a background with the Hex color 286568.

# 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](#).

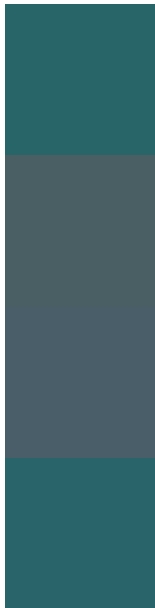
## Dichromacy





**Tritanopia**  
2A646C

# Trichromacy



**Original Color**  
286568

**Protanomaly**  
495F64

**Deuteranomaly**  
4A5E69

**Tritanomaly**  
29646B

# Monochromacy



**Original Color**  
286568

**Achromatopsia**  
535353

**Achromatomaly**  
435A5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 286568 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 #286568 looks like.

```
.text, #text, p{  
    color:#286568  
}
```

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 #286568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286568
}
```

## Border

The CSS property to change the border of an element to Hex 286568 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".

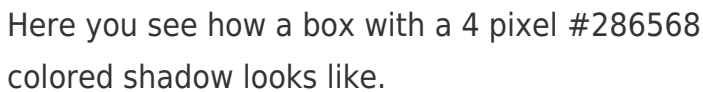
```
.border, #border, table{ border:4px solid
#286568 }
```

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

```
.border{ border-color:#286568 }
```

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

Here you see how a box with a 4 pixel #286568 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286568; -webkit-box-shadow:4px 4px  
4px 4px #286568; box-shadow:4px 4px 4px  
4px #286568 }
```

# Background

The CSS property to change the background color of an element to Hex 286568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286568 }
```

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

```
.background{ background-color:#286568 }
```

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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