

# Converting Colors

Hex(28567C)

Have a look what the booklet for  
Hex(28567C) contains.

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# Color

Hex(28567C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	28567C
RGB	40, 86, 124
RGB Percent	16%, 34%, 49%
CMY	0.8431, 0.6627, 0.5137
CMYK	0.68, 0.31, 0.00, 0.51
HSL	207°, 51%, 32%
HSV	207°, 68%, 49%
XYZ	7.8410, 8.5619, 20.3081
YIQ	76.5780, -39.6140, 2.0660

# Conversions

## Conversions Part 2

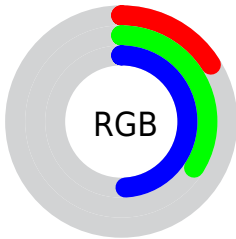
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 70, 124
Decimal	2643580
CIELab	35.13, -2.71, -26.12
CIELCh	35, 26.261, 264.070
Yxy	8.5619, 0.2136, 0.2332
Android (android.graphics.Color)	4280833660 (0xFF28567C)
YUV	76.5780, 23.3790, -32.0789
Hunter-Lab	29.2608, -3.3741, -20.6671

# Details

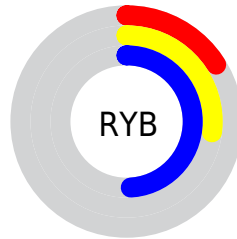
The Hex color **28567C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7C4E28**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5F88B1**, and **00294B** is the 20% darker color. If you saturate the color by 10%, you get **1C507C**, and if you desaturate by 10%, it is **345C7C**.

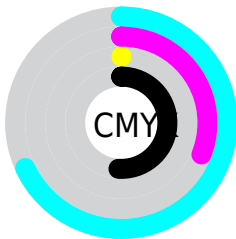
# Distribution



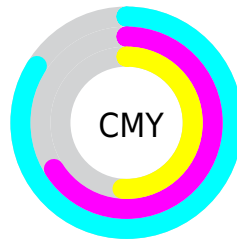
- Red (16%)
- Green (34%)
- Blue (49%)



- Red (16%)
- Yellow (27%)
- Blue (49%)



- Cyan (68%)
- Magenta (31%)
- Yellow (0%)
- Black (51%)



- Cyan (84%)
- Magenta (66%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 28567C 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 28567C by changing the saturation by 10% instead.



■ 28567C

■ 28567C

FFFFFF

■ 023F63

■ 5F88B1

■ 00294B

■ 7AA2CC

■ 001534

■ 95BDE9

■ 00021F

■ B1D8FF

■ 000001

■ CDF5FF

■ 000000

■ EAFFFF

■ 28567C

■ 28567C

■ 1C507C

■ 345C7C

■ 0F4B7C

■ 41617C

■ 03457C

■ 4D677C

■ 00447C

■ 5A6C7C

■ 66727C

■ 72787C

■ 7F7D7C

■ 8B837C

■ 98887C

# Harmonies

## Analogous

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



005B74



28567C



4E4F79

# Triad

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



28567C



7B4343



365B39

# Complementary

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



28567C



7C4E28

# 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.



4F572B



28567C



734931

# Square

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



28567C



784258



635028



135D4E

# Rectangle

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



28567C



614971



635028



3F5A34



# Sweetspot

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



28567C



8192A1



287C4E



3E4952



D1D1D1



525252



# Same Dimension

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



28567C



1F66A1



282C7C



373A3D



00447D



008AFC



# Inverse Universe

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



7C2856



A11F66



7C7828



3D373A



7D0044



FC008A



# Previews

## White Background



This preview shows how the Hex color 28567C looks on a white background.

## Color Contrast Check

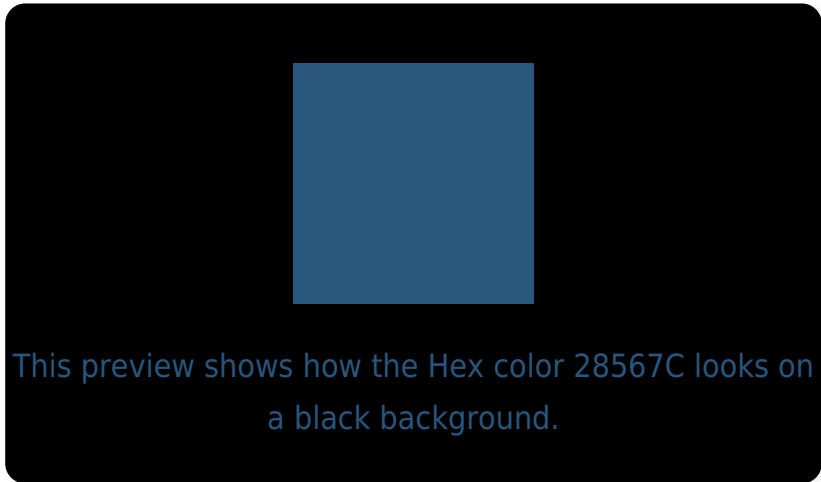
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

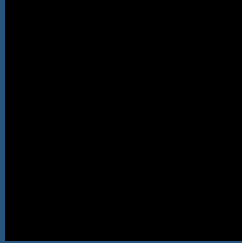
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

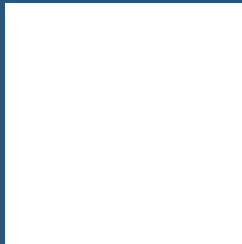
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 28567C Background



This preview shows how black text looks on a background with the Hex color 28567C.



This preview shows how white text looks on a background with the Hex color 28567C.

# 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](#).

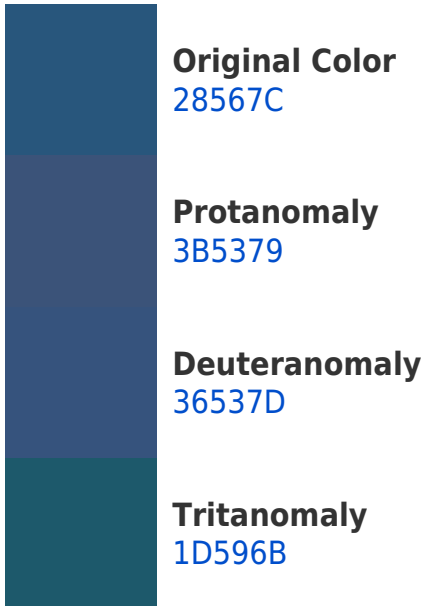
## Dichromacy





**Tritanopia**  
175B62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 28567C 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 #28567C looks like.

```
.text, #text, p{  
    color:#28567C  
}
```

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 #28567C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28567C
}
```

## Border

The CSS property to change the border of an element to Hex 28567C is called "border". The border property can be set on classes, ids or directly on the HTML element.

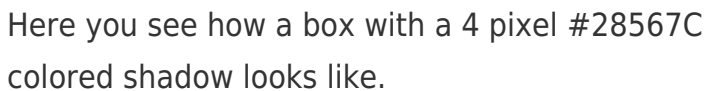
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28567C }
```

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

```
.border{ border-color:#28567C }
```

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



Here you see how a box with a 4 pixel #28567C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28567C; -webkit-box-shadow:4px 4px  
4px 4px #28567C; box-shadow:4px 4px 4px  
4px #28567C }
```

# Background

The CSS property to change the background color of an element to Hex 28567C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28567C }
```

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

```
.background{ background-color:#28567C }
```

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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