

Converting Colors

Hex(29567F)

Have a look what the booklet for
Hex(29567F) contains.

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Color

Hex(29567F)

Conversions

Conversions Part 1

Format	Color
Hex	29567F
RGB	41, 86, 127
RGB Percent	16%, 34%, 50%
CMY	0.8392, 0.6627, 0.5020
CMYK	0.68, 0.32, 0.00, 0.50
HSL	209°, 51%, 33%
HSV	209°, 68%, 50%
XYZ	8.0730, 8.6593, 21.3246
YIQ	77.2190, -39.9810, 3.2110

Conversions

Conversions Part 2

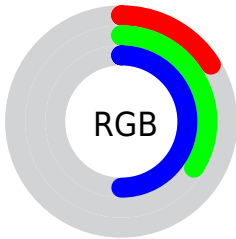
Format	Color
R_{YB}	41, 71, 127
Decimal	2709119
CIE _{Lab}	35.32, -1.42, -27.66
CIE _{LCh}	35, 27.700, 267.063
Yxy	8.6593, 0.2121, 0.2275
Android (android.graphics.Color)	4280899199 (0xFF29567F)
YUV	77.2190, 24.5420, -31.7641
Hunter-Lab	29.4267, -2.5265, -22.3669

Details

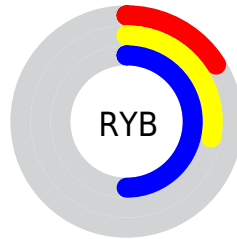
The Hex color **29567F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7F5229**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6087B4**, and **00294E** is the 20% darker color. If you saturate the color by 10%, you get **1C507F**, and if you desaturate by 10%, it is **365C7F**.

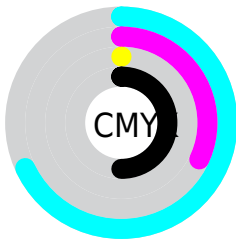
Distribution



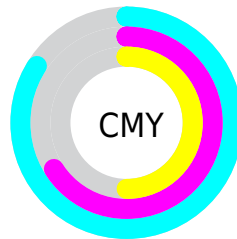
- Red (16%)
- Green (34%)
- Blue (50%)



- Red (16%)
- Yellow (28%)
- Blue (50%)



- Cyan (68%)
- Magenta (32%)
- Yellow (0%)
- Black (50%)



- Cyan (84%)
- Magenta (66%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29567F 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 29567F by changing the saturation by 10% instead.

■ 29567F

■ 29567F

FFFFFF

■ 033F66

■ 6087B4

■ 00294E

■ 7BA2D0

■ 001537

■ 96BDEC

■ 000221

■ B2D8FF

■ 000006

■ CFF5FF

■ 000000

■ ECF5FF

■ 29567F

■ 29567F

■ 1C507F

■ 365C7F

■ 104A7F

■ 42627F

■ 03447F

■ 4F687F

■ 00427F

■ 5C6E7F

■ 68747F

■ 757A7F

■ 82807F

■ 8F867F

■ 9B8C7F

Harmonies

Analogous

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



005B78



29567F



524E7A

Triad

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



29567F



7D4340



315C3A

Complementary

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



29567F



7F5229

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.



4C582A



29567F



73492E

Square

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



29567F



7B4156



635126



025E50

Rectangle

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



29567F



654871



635126



3B5B34

Sweetspot

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



29567F



8596A6



297F51



404B54



D4D4D4



545454

Same Dimension

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



29567F



1F66A6



292C7F



393D40



004380



000000

Inverse Universe

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



7F2956



A61F66



7F7C29



40393D



800043



000000

Previews

White Background



This preview shows how the Hex color 29567F looks on a white background.

Color Contrast Check

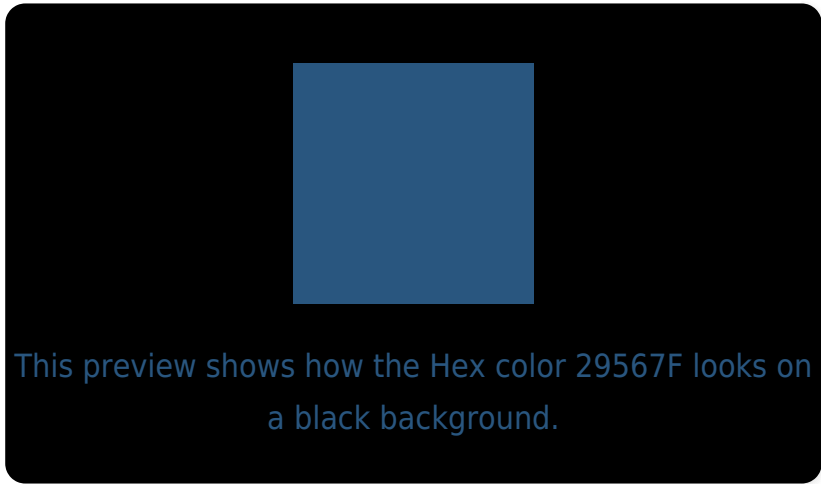
Large Text (above 18pt) WCAG AA ✓ Pass

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

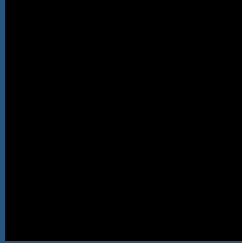
Any Text WCAG AA × Fail

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 29567F Background



This preview shows how black text looks on a background with the Hex color 29567F.




This preview shows how white text looks on a background with the Hex color 29567F.

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](#).

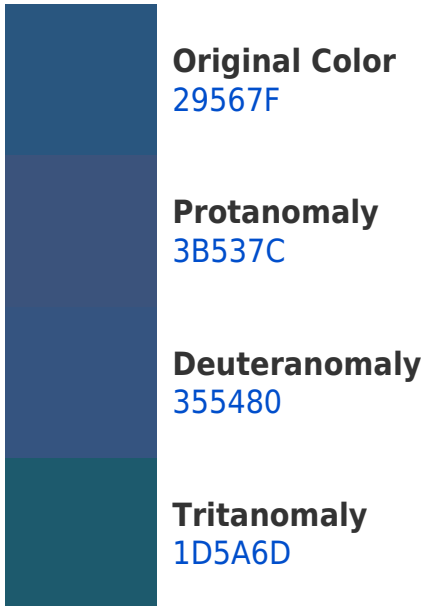
Dichromacy





Tritanopia
165C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29567F 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 #29567F looks like.

```
.text, #text, p{  
    color:#29567F  
}
```

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 #29567F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29567F
}
```

Border

The CSS property to change the border of an element to Hex 29567F is called "border". The border property can be set on classes, ids or directly on the HTML element.

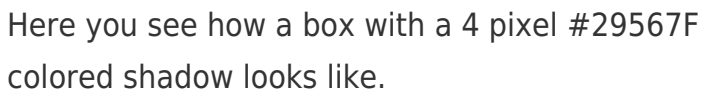
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29567F }
```

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

```
.border{ border-color:#29567F }
```

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



Here you see how a box with a 4 pixel #29567F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29567F; -webkit-box-shadow:4px 4px  
4px 4px #29567F; box-shadow:4px 4px 4px  
4px #29567F }
```

Background

The CSS property to change the background color of an element to Hex 29567F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29567F }
```

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

```
.background{ background-color:#29567F }
```

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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