

Converting Colors

Hex(28567A)

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

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Color

Hex(28567A)

Conversions

Conversions Part 1

Format	Color
Hex	28567A
RGB	40, 86, 122
RGB Percent	16%, 34%, 48%
CMY	0.8431, 0.6627, 0.5216
CMYK	0.67, 0.30, 0.00, 0.52
HSL	206°, 51%, 32%
HSV	206°, 67%, 48%
XYZ	7.7157, 8.5118, 19.6486
YIQ	76.3500, -38.9720, 1.4440

Conversions

Conversions Part 2

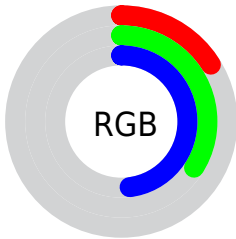
Format	Color
RYB	40, 69, 122
Decimal	2643578
CIELab	35.03, -3.45, -25.04
CIELCh	35, 25.279, 262.161
Yxy	8.5118, 0.2151, 0.2373
Android (android.graphics.Color)	4280833658 (0xFF28567A)
YUV	76.3500, 22.5055, -31.8789
Hunter-Lab	29.1750, -3.8497, -19.5077

Details

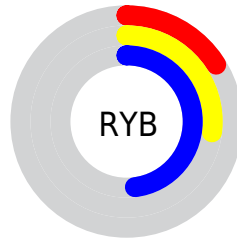
The Hex color **28567A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7A4C28**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5E88AF**, and **002949** is the 20% darker color. If you saturate the color by 10%, you get **1C517A**, and if you desaturate by 10%, it is **345B7A**.

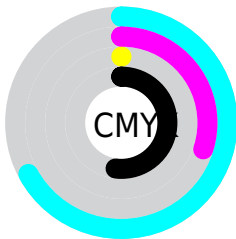
Distribution



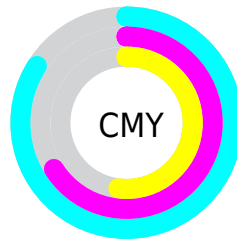
- Red (16%)
- Green (34%)
- Blue (48%)



- Red (16%)
- Yellow (27%)
- Blue (48%)



- Cyan (67%)
- Magenta (30%)
- Yellow (0%)
- Black (52%)



- Cyan (84%)
- Magenta (66%)
- Yellow (52%)

Brightness & Saturation Gradients

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

■ 28567A

■ 28567A

FFFFFF

■ 033F61

■ 5E88AF

■ 002949

■ 79A2CA

■ 001532

■ 94BDE6

■ 00021D

■ B0D8FF

■ 000000

■ CCF5FF

■ E9FFFF

■ 28567A

■ 28567A

■ 1C517A

■ 345B7A

■ 104B7A

■ 40617A

■ 03467A

■ 4D667A

■ 00447A

■ 596B7A

■ 65717A

■ 71767A

■ 7D7B7A

■ 8A817A

■ 96867A

Harmonies

Analogous

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



005B72



28567A



4C4F78

Triad

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



28567A



794344



395A39

Complementary

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



28567A



7A4C28

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.



50562C



28567A



724833

Square

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



28567A



764359



644F2A



1A5D4C

Rectangle

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



28567A



5F4A70



644F2A



415934

Sweetspot

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



28567A



7E909E



287A4C



3C474F



CFCFCF



4F4F4F

Same Dimension

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



28567A



1E669E



282D7A



373B3D



00467D



008EFC

Inverse Universe

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



7A2856



9E1E66



7A7528



3D373B



7D0046



FC008E

Previews

White Background



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

Color Contrast Check

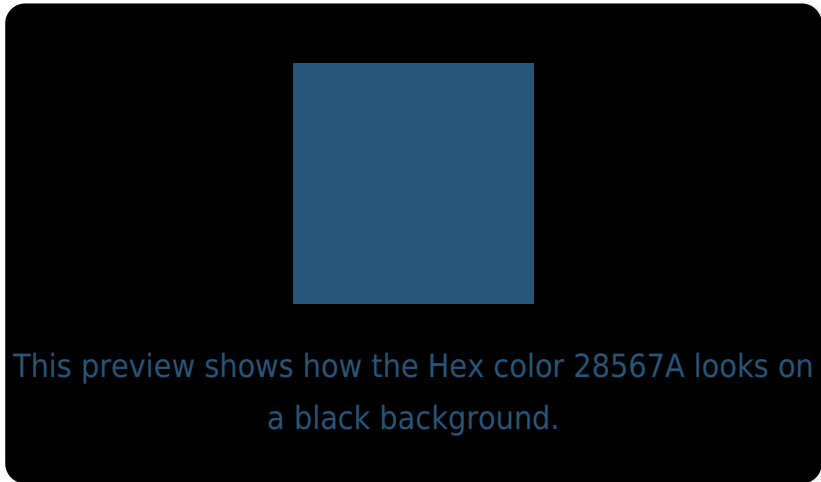
Large Text (above 18pt) WCAG AA ✓ Pass

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

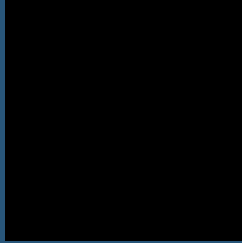
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

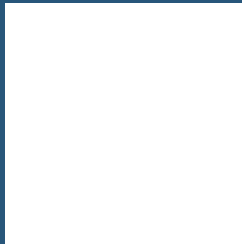
Any Text WCAG AAA × Fail

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

Hex 28567A Background



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

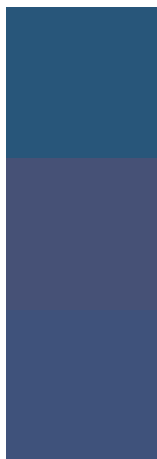


This preview shows how white text looks on a background with the Hex color 28567A.

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
28567A

Protanopia
465176

Deuteranopia
3F527B



Tritanopia
195B62

Trichromacy



Original Color
28567A

Protanomaly
3B5377

Deuteranomaly
37537B

Tritanomaly
1E596B

Monochromacy



Original Color
28567A

Achromatopsia
4C4C4C

Achromatomaly
3F505D

CSS Examples

Text

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

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

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 #28567A colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 28567A 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
#28567A }
```

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

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

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

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

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

Background

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

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

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

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

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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