

Converting Colors

Hex(49577A)

Have a look what the booklet for
Hex(49577A) contains.

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Color

Hex(49577A)

Conversions

Conversions Part 1

Format	Color
Hex	49577A
RGB	73, 87, 122
RGB Percent	29%, 34%, 48%
CMY	0.7137, 0.6588, 0.5216
CMYK	0.40, 0.29, 0.00, 0.52
HSL	223°, 25%, 38%
HSV	223°, 40%, 48%
XYZ	9.6687, 9.6380, 19.7631
YIQ	86.8040, -19.5790, 7.9170

Conversions

Conversions Part 2

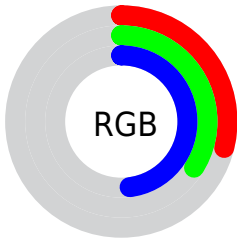
Format	Color
R_YB	73, 84, 122
Decimal	4806522
CIE _{Lab}	37.18, 4.16, -21.54
CIE _{LCh}	37, 21.939, 280.936
Yxy	9.6380, 0.2475, 0.2467
Android (android.graphics.Color)	4282996602 (0xFF49577A)
YUV	86.8040, 17.3516, -12.1061
Hunter-Lab	31.0451, 1.2631, -16.0120

Details

The Hex color **49577A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7A6C49**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7B89AF**, and **192A49** is the 20% darker color. If you saturate the color by 10%, you get **3D4E7A**, and if you desaturate by 10%, it is **55607A**.

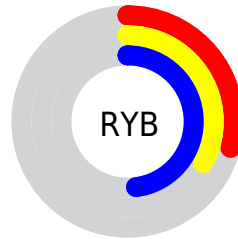
Distribution



Red (29%)

Green (34%)

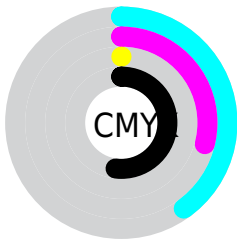
Blue (48%)



Red (29%)

Yellow (33%)

Blue (48%)

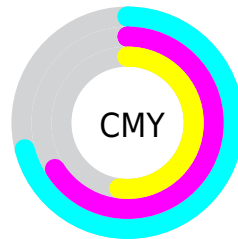


Cyan (40%)

Magenta (29%)

Yellow (0%)

Black (52%)



Cyan (71%)

Magenta (66%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49577A 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 49577A by changing the saturation by 10% instead.

■ 49577A

■ 49577A

FFFFFF

■ 314061

■ 7B89AF

■ 192A49

■ 96A3CA

■ 001632

■ B1BEE6

■ 00021D

■ CDDAFF

■ 000000

■ E9F6FF

■ 49577A

■ 49577A

■ 3D4E7A

■ 55607A

■ 31467A

■ 61687A

■ 243D7A

■ 6E717A

■ 18347A

■ 7A7A7A

■ 0C2B7A

■ 86837A

■ 00237A

■ 928B7A

■ 9E947A

■ AB9D7A

■ B7A57A

Harmonies

Analogous

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



2C5C78



49577A



625172

Triad

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



49577A



784D41



34604B

Complementary

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



49577A



7A6C49

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.



495D3C



49577A



6D5336

Square

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



49577A



7A4A52



5D5834



1E615E

Rectangle

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



49577A



6E4D69



5D5834



3B5F46

Sweetspot

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



49577A



8B919E



497A6B



44474F



CFCFCF



4F4F4F

Same Dimension

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



49577A



52689E



53497A



37393D



00247D



0048FC

Inverse Universe

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



7A4957



9E5268



707A49



3D3739



7D0024



FC0048

Previews

White Background



This preview shows how the Hex color 49577A looks on a white background.

Color Contrast Check

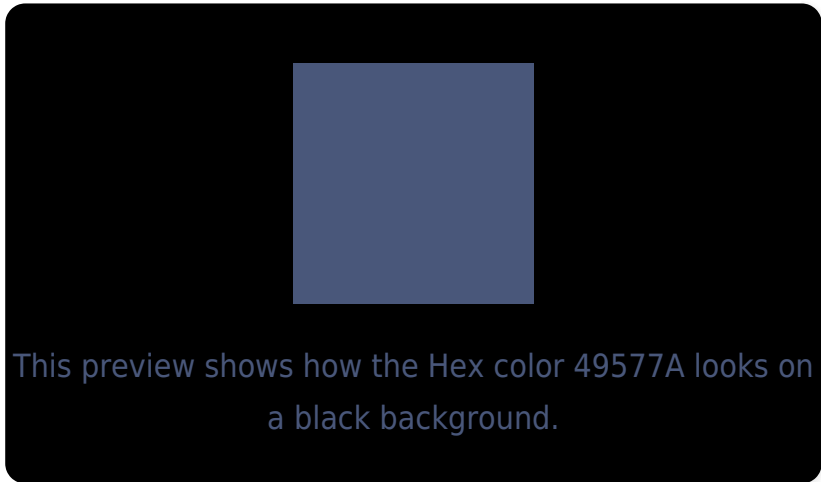
Large Text (above 18pt) WCAG AA ✓ Pass

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

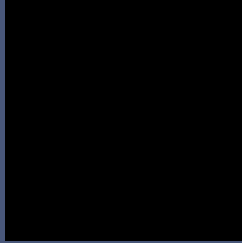
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

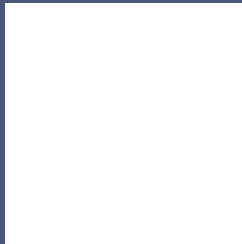
Any Text WCAG AAA × Fail

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

Hex 49577A Background



This preview shows how black text looks on a background with the Hex color 49577A.

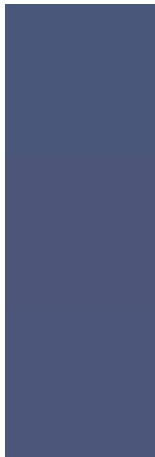


This preview shows how white text looks on a background with the Hex color 49577A.

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
49577A

Protanopia
4D5679

Deuteranopia
4B567A



Tritanopia
435B63

Trichromacy



Original Color
49577A

Protanomaly
4C5679

Deuteranomaly
4A567A

Tritanomaly
455A6B

Monochromacy



Original Color
49577A

Achromatopsia
575757

Achromatomaly
525764

CSS Examples

Text

The CSS property to change the color of the text to Hex 49577A 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 #49577A looks like.

```
.text, #text, p{  
    color:#49577A  
}
```

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 #49577A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49577A
}
```

Border

The CSS property to change the border of an element to Hex 49577A 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".

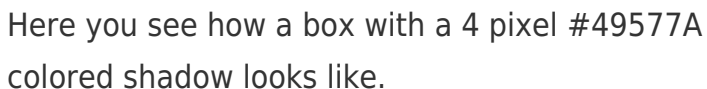
```
.border, #border, table{ border:4px solid
#49577A }
```

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

```
.border{ border-color:#49577A }
```

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

Here you see how a box with a 4 pixel #49577A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49577A; -webkit-box-shadow:4px 4px  
4px 4px #49577A; box-shadow:4px 4px 4px  
4px #49577A }
```

Background

The CSS property to change the background color of an element to Hex 49577A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49577A }
```

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

```
.background{ background-color:#49577A }
```

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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