

Converting Colors

Hex(39557A)

Have a look what the booklet for
Hex(39557A) contains.

Hex(39557A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(39557A)

Conversions

Conversions Part 1

Format	Color
Hex	39557A
RGB	57, 85, 122
RGB Percent	22%, 33%, 48%
CMY	0.7765, 0.6667, 0.5216
CMYK	0.53, 0.30, 0.00, 0.52
HSL	214°, 36%, 35%
HSV	214°, 53%, 48%
XYZ	8.4487, 8.7720, 19.6602
YIQ	80.8460, -28.5650, 5.5710

Conversions

Conversions Part 2

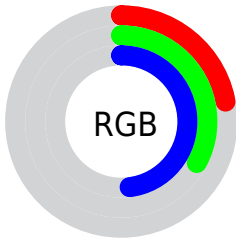
Format	Color
R_{YB}	57, 77, 122
Decimal	3757434
CIE _{Lab}	35.54, 0.98, -24.18
CIE _{LCh}	36, 24.197, 272.328
Yxy	8.7720, 0.2291, 0.2378
Android (android.graphics.Color)	4281947514 (0xFF39557A)
YUV	80.8460, 20.2889, -20.9129
Hunter-Lab	29.6176, -0.9119, -18.6246

Details

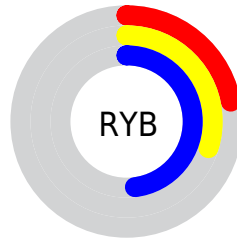
The Hex color **39557A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7A5E39**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6C86AF**, and **002849** is the 20% darker color. If you saturate the color by 10%, you get **2D4E7A**, and if you desaturate by 10%, it is **455C7A**.

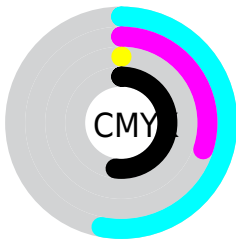
Distribution



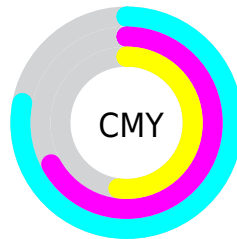
- Red (22%)
- Green (33%)
- Blue (48%)



- Red (22%)
- Yellow (30%)
- Blue (48%)



- Cyan (53%)
- Magenta (30%)
- Yellow (0%)
- Black (52%)



- Cyan (78%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39557A 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 39557A by changing the saturation by 10% instead.

■ 39557A

■ 39557A

FFFFFF

■ 1F3E61

■ 6C86AF

■ 002849

■ 87A1CA

■ 001432

■ A2BCE6

■ 00021D

■ BED7FF

■ 000000

■ DAF4FF

■ F7FFFF

■ 39557A

■ 39557A

■ 2D4E7A

■ 455C7A

■ 21477A

■ 51637A

■ 14407A

■ 5E6A7A

■ 08397A

■ 6A717A

■ 00357A

■ 76787A

■ 827F7A

■ 8E867A

■ 9B8D7A

■ A7947A

Harmonies

Analogous

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



105A75



39557A



584E74

Triad

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



39557A



784640



335C41

Complementary

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



39557A



7A5E39

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.



4A5932



39557A



6F4C32

Square

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



39557A



784453



5F532C



145E54

Rectangle

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



39557A



67496B



5F532C



3B5B3B

Sweetspot

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



39557A



85909E



397A5E



40474F



CFCFCF



4F4F4F

Same Dimension

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



39557A



39659E



3D397A



373A3D



00367D



006DFC

Inverse Universe

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



7A3955



9E3965



767A39



3D373A



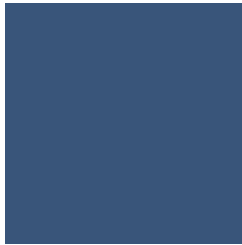
7D0036



FC006D

Previews

White Background



This preview shows how the Hex color 39557A looks on a white background.

Color Contrast Check

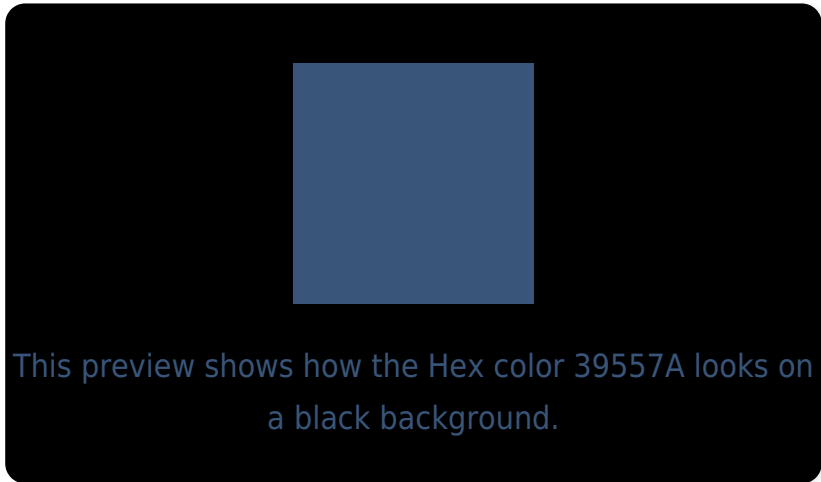
Large Text (above 18pt) WCAG AA ✓ Pass

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 39557A Background



This preview shows how black text looks on a background with the Hex color 39557A.

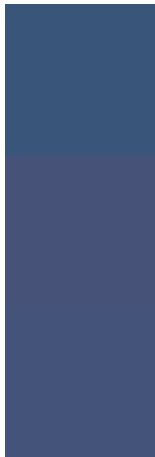


This preview shows how white text looks on a background with the Hex color 39557A.

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](#).

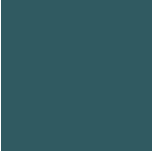
Dichromacy



Original Color
39557A

Protanopia
475278

Deuteranopia
43537A



Tritanopia
305A61

Trichromacy



Original Color
39557A

Protanomaly
425379

Deuteranomaly
3F547A

Tritanomaly
33586A

Monochromacy



Original Color
39557A

Achromatopsia
515151

Achromatomaly
485260

CSS Examples

Text

The CSS property to change the color of the text to Hex 39557A 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 #39557A looks like.

```
.text, #text, p{  
    color:#39557A  
}
```

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 #39557A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39557A
}
```

Border

The CSS property to change the border of an element to Hex 39557A 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
#39557A }
```

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

```
.border{ border-color:#39557A }
```

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

Here you see how a box with a 4 pixel #39557A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39557A; -webkit-box-shadow:4px 4px  
4px 4px #39557A; box-shadow:4px 4px 4px  
4px #39557A }
```

Background

The CSS property to change the background color of an element to Hex 39557A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39557A }
```

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

```
.background{ background-color:#39557A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor