

Converting Colors

Hex(34557F)

Have a look what the booklet for
Hex(34557F) contains.

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Color

Hex(34557F)

Conversions

Conversions Part 1

Format	Color
Hex	34557F
RGB	52, 85, 127
RGB Percent	20%, 33%, 50%
CMY	0.7961, 0.6667, 0.5020
CMYK	0.59, 0.33, 0.00, 0.50
HSL	214°, 42%, 35%
HSV	214°, 59%, 50%
XYZ	8.4954, 8.7594, 21.3216
YIQ	79.9210, -33.1500, 6.0660

Conversions

Conversions Part 2

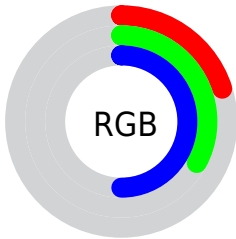
Format	Color
RYB	52, 75, 127
Decimal	3429759
CIELab	35.52, 1.50, -27.32
CIELCh	36, 27.360, 273.144
Yxy	8.7594, 0.2202, 0.2271
Android (android.graphics.Color)	4281619839 (0xFF34557F)
YUV	79.9210, 23.2099, -24.4867
Hunter-Lab	29.5962, -0.5559, -21.9962

Details

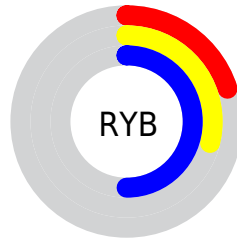
The Hex color **34557F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7F5E34**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6986B4**, and **00284E** is the 20% darker color. If you saturate the color by 10%, you get **274E7F**, and if you desaturate by 10%, it is **415C7F**.

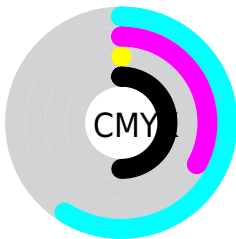
Distribution



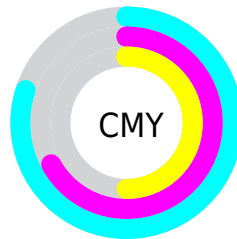
- Red (20%)
- Green (33%)
- Blue (50%)



- Red (20%)
- Yellow (29%)
- Blue (50%)



- Cyan (59%)
- Magenta (33%)
- Yellow (0%)
- Black (50%)



- Cyan (80%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34557F 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 34557F by changing the saturation by 10% instead.

■ 34557F

■ 34557F

FFFFFF

■ 173E66

■ 6986B4

■ 00284E

■ 83A1D0

■ 001437

■ 9FBBEC

■ 000221

■ BAD7FF

■ 000006

■ D7F4FF

■ 000000

■ F4FFFF

■ 34557F

■ 34557F

■ 274E7F

■ 415C7F

■ 1B477F

■ 4D637F

■ 0E407F

■ 5A6A7F

■ 01397F

■ 67717F

■ 00387F

■ 74797F

■ 80807F

■ 8D877F

■ 9A8E7F

■ A6957F

Harmonies

Analogous

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



005B7A



34557F



594D78

Triad

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



34557F



7C443D



2C5D3F

Complementary

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



34557F



7F5E34

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.



48592E



34557F



714B2D

Square

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



34557F



7C4252



5F5327



005F55

Rectangle

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



34557F



6A486E



5F5327



365C38

Sweetspot

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



34557F



8895A6



347F5D



424A54



D4D4D4



545454

Same Dimension

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



34557F



3064A6



38347F



393C40



003880



000000

Inverse Universe

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



7F3455



A63064



7B7F34



40393C



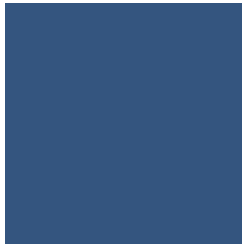
800038



000000

Previews

White Background



This preview shows how the Hex color 34557F looks on a white background.

Color Contrast Check

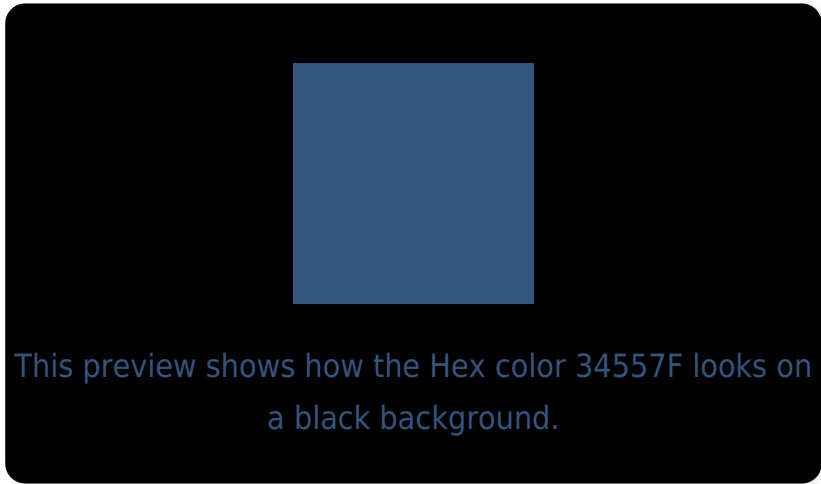
Large Text (above 18pt) WCAG AA ✓ Pass

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

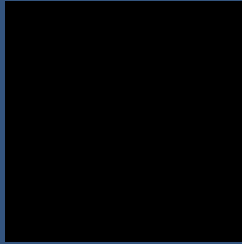
Any Text WCAG AA × Fail

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 34557F Background



This preview shows how black text looks on a background with the Hex color 34557F.

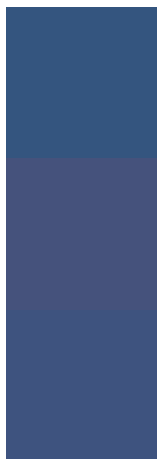


This preview shows how white text looks on a background with the Hex color 34557F.

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
34557F

Protanopia
45527C

Deuteranopia
3E537F



Tritanopia
285B62

Trichromacy



Original Color
34557F

Protanomaly
3F537D

Deuteranomaly
3A547F

Tritanomaly
2C596D

Monochromacy



Original Color
34557F

Achromatopsia
505050

Achromatomaly
465261

CSS Examples

Text

The CSS property to change the color of the text to Hex 34557F 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 #34557F looks like.

```
.text, #text, p{  
    color:#34557F  
}
```

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 #34557F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34557F
}
```

Border

The CSS property to change the border of an element to Hex 34557F is called "border". The border property can be set on classes, ids or directly on the HTML element.

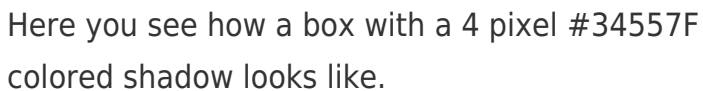
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34557F }
```

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

```
.border{ border-color:#34557F }
```

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



Here you see how a box with a 4 pixel #34557F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34557F; -webkit-box-shadow:4px 4px  
4px 4px #34557F; box-shadow:4px 4px 4px  
4px #34557F }
```

Background

The CSS property to change the background color of an element to Hex 34557F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34557F }
```

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

```
.background{ background-color:#34557F }
```

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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