

Converting Colors

Hex(35647C)

Have a look what the booklet for
Hex(35647C) contains.

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Color

Hex(35647C)

Conversions

Conversions Part 1

Format	Color
Hex	35647C
RGB	53, 100, 124
RGB Percent	21%, 39%, 49%
CMY	0.7922, 0.6078, 0.5137
CMYK	0.57, 0.19, 0.00, 0.51
HSL	200°, 40%, 35%
HSV	200°, 57%, 49%
XYZ	9.6635, 11.3265, 20.7457
YIQ	88.6830, -35.7160, -2.5000

Conversions

Conversions Part 2

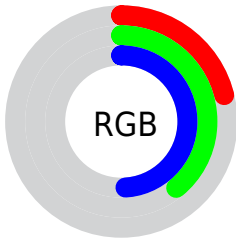
Format	Color
R_{YB}	53, 81, 124
Decimal	3499132
CIE _{Lab}	40.12, -8.55, -18.32
CIE _{LCh}	40, 20.217, 244.970
Yxy	11.3265, 0.2315, 0.2714
Android (android.graphics.Color)	4281689212 (0xFF35647C)
YUV	88.6830, 17.4113, -31.2940
Hunter-Lab	33.6548, -7.6424, -12.9895




Details

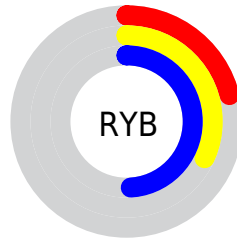
The Hex color **35647C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C4D35**, and the grayscale version is **595959**.




A 20% lighter version of the original color is **6997B1**, and **00354B** is the 20% darker color. If you saturate the color by 10%, you get **29607C**, and if you desaturate by 10%, it is **41687C**.

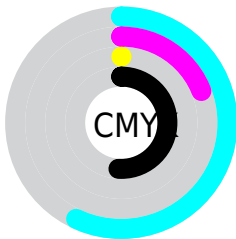
Distribution







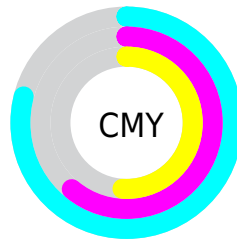
-  Red (21%)
-  Green (39%)
-  Blue (49%)






-  Red (21%)
-  Yellow (32%)
-  Blue (49%)



-  Cyan (57%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (79%)
-  Magenta (61%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35647C 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 35647C by changing the saturation by 10% instead.

■ 35647C

■ 35647C

FFFFFF

■ 194C63

■ 6997B1

■ 00354B

■ 84B2CC

■ 002034

■ 9FCDE8

■ 000320

■ BBE9FF

■ 000003

■ D8FFFF

■ 000000

■ F5FFFF

■ 35647C

■ 35647C

■ 29607C

■ 41687C

■ 1C5C7C

■ 4E6C7C

■ 10577C

■ 5A717C

■ 03537C

■ 67757C

■ 00527C

■ 73797C

■ 7F7D7C

■ 8C817C

■ 98867C

■ A58A7C

Harmonies

Analogous

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



286771



35647C



4D5F7F

Triad

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



35647C



7F525C



566343

Complementary

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



35647C



7C4D35

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.



675E3E



35647C



7E544C

Square

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



35647C



76546D



765941



426650

Rectangle

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



35647C



5D5B7C



765941



5C6240

Sweetspot

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



35647C



8597A1



357C4D



414C52



D1D1D1



525252

Same Dimension

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



35647C



327BA1



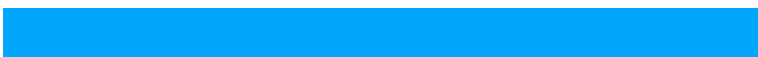
35417C



373B3D



00537D



00A7FC

Inverse Universe

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



7C3564



A1327B



7C7035



3D373B



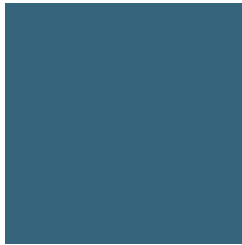
7D0053



FC00A7

Previews

White Background



This preview shows how the Hex color 35647C looks on a white background.

Color Contrast Check

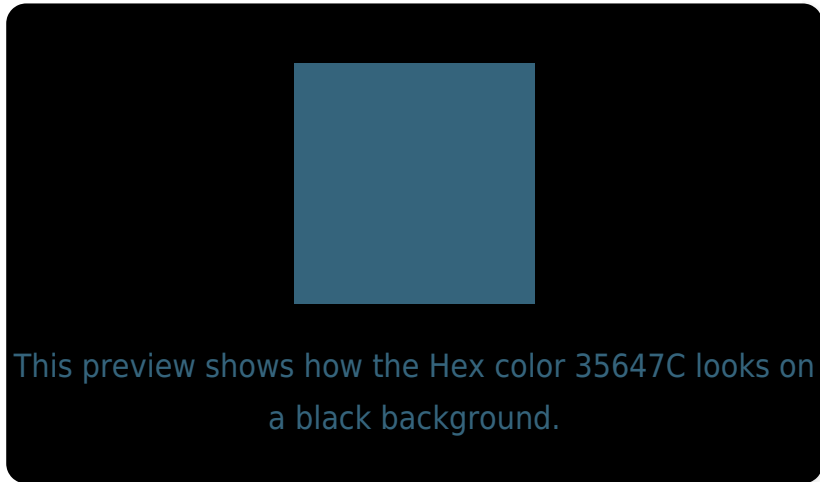
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

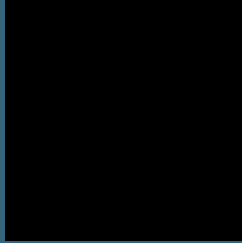
Any Text WCAG AA × Fail

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 35647C Background



This preview shows how black text looks on a background with the Hex color 35647C.




This preview shows how white text looks on a background with the Hex color 35647C.

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](#).

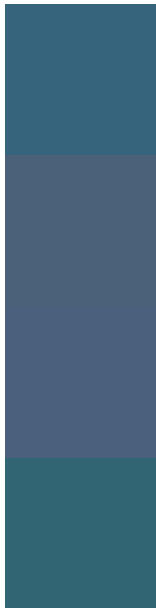
Dichromacy





Tritanopia
30666F

Trichromacy



Original Color
35647C

Protanomaly
4B6079

Deuteranomaly
4A607D

Tritanomaly
326574

Monochromacy



Original Color
35647C

Achromatopsia
595959

Achromatomaly
4C5D66

CSS Examples

Text

The CSS property to change the color of the text to Hex 35647C 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 #35647C looks like.

```
.text, #text, p{  
    color:#35647C  
}
```

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 #35647C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35647C
}
```

Border

The CSS property to change the border of an element to Hex 35647C 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
#35647C }
```

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

```
.border{ border-color:#35647C }
```

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

Here you see how a box with a 4 pixel #35647C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35647C; -webkit-box-shadow:4px 4px  
4px 4px #35647C; box-shadow:4px 4px 4px  
4px #35647C }
```

Background

The CSS property to change the background color of an element to Hex 35647C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35647C }
```

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

```
.background{ background-color:#35647C }
```

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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