

Converting Colors

Hex(36647D)

Have a look what the booklet for
Hex(36647D) contains.

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Color

Hex(36647D)

Conversions

Conversions Part 1

Format	Color
Hex	36647D
RGB	54, 100, 125
RGB Percent	21%, 39%, 49%
CMY	0.7882, 0.6078, 0.5098
CMYK	0.57, 0.20, 0.00, 0.51
HSL	201°, 40%, 35%
HSV	201°, 57%, 49%
XYZ	9.7802, 11.3793, 21.0830
YIQ	89.0960, -35.4410, -1.9770

Conversions

Conversions Part 2

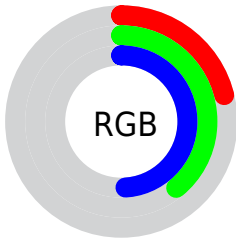
Format	Color
R_{YB}	54, 82, 125
Decimal	3564669
CIE _{Lab}	40.21, -7.99, -18.79
CIE _{LCh}	40, 20.418, 246.953
Yxy	11.3793, 0.2315, 0.2694
Android (android.graphics.Color)	4281754749 (0xFF36647D)
YUV	89.0960, 17.7007, -30.7792
Hunter-Lab	33.7332, -7.2811, -13.4426




Details

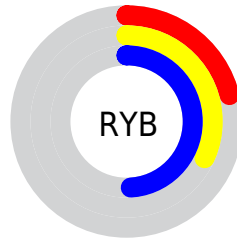
The Hex color **36647D** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7D4F36**, and the grayscale version is **595959**.




A 20% lighter version of the original color is **6A97B2**, and **00354C** is the 20% darker color. If you saturate the color by 10%, you get **29607D**, and if you desaturate by 10%, it is **43687D**.

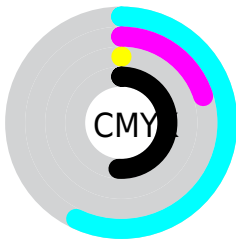
Distribution







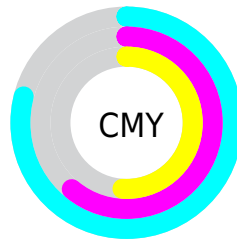
-  Red (21%)
-  Green (39%)
-  Blue (49%)






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



-  Cyan (57%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 36647D 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 36647D by changing the saturation by 10% instead.

■ 36647D

■ 36647D

FFFFFF

■ 1A4C64

■ 6A97B2

■ 00354C

■ 85B1CD

■ 002035

■ A0CDE9

■ 000320

■ BCE9FF

■ 000005

■ D9FFFF

■ 000000

■ F6FFFF

■ 36647D

■ 36647D

■ 29607D

■ 43687D

■ 1D5B7D

■ 4F6D7D

■ 10577D

■ 5C717D

■ 04527D

■ 68767D

■ 00517D

■ 747A7D

■ 817E7D

■ 8D837D

■ 9A877D

■ A68C7D

Harmonies

Analogous

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



286772



36647D



4F5F80

Triad

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



36647D



7F525B



546444

Complementary

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



36647D



7D4F36

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.



675F3D



36647D



7E544C

Square

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



36647D



77546C



755940



416751

Rectangle

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



36647D



5F5B7C



755940



5B6241

Sweetspot

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



36647D



8799A3



367D4F



414C52



D1D1D1



525252

Same Dimension

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



36647D



347CA3



36417D



393E40



005380



000000

Inverse Universe

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



7D3664



A3347C



7D7236



40393E



800053



000000

Previews

White Background



This preview shows how the Hex color 36647D looks on a white background.

Color Contrast Check

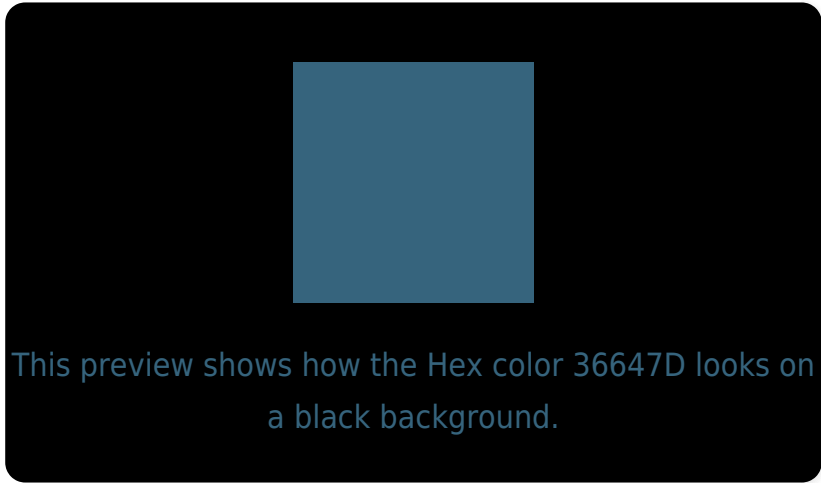
Large Text (above 18pt) WCAG AA ✓ Pass

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

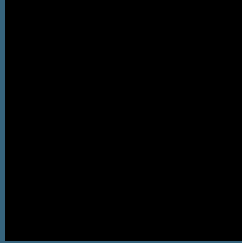
Any Text WCAG AA × Fail

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 36647D Background



This preview shows how black text looks on a background with the Hex color 36647D.




This preview shows how white text looks on a background with the Hex color 36647D.

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](#).

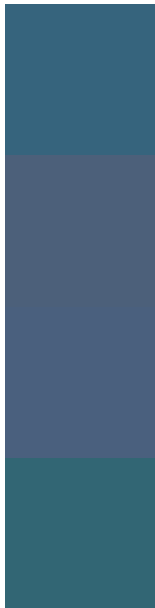
Dichromacy





Tritanopia
30676F

Trichromacy



Original Color
36647D

Protanomaly
4C607A

Deuteranomaly
4A607E

Tritanomaly
326674

Monochromacy



Original Color
36647D

Achromatopsia
595959

Achromatomaly
4C5D66

CSS Examples

Text

The CSS property to change the color of the text to Hex 36647D 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 #36647D looks like.

```
.text, #text, p{  
    color:#36647D  
}
```

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 #36647D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36647D  
}
```

Border

The CSS property to change the border of an element to Hex 36647D 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  
#36647D }
```

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

```
.border{ border-color:#36647D }
```

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

Here you see how a box with a 4 pixel #36647D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36647D; -webkit-box-shadow:4px 4px  
4px 4px #36647D; box-shadow:4px 4px 4px  
4px #36647D }
```

Background

The CSS property to change the background color of an element to Hex 36647D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36647D }
```

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

```
.background{ background-color:#36647D }
```

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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