

# Converting Colors

Hex(30637D)

Have a look what the booklet for  
Hex(30637D) contains.

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# Color

**Hex(30637D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30637D
RGB	48, 99, 125
RGB Percent	19%, 39%, 49%
CMY	0.8118, 0.6118, 0.5098
CMYK	0.62, 0.21, 0.00, 0.51
HSL	200°, 45%, 34%
HSV	200°, 62%, 49%
XYZ	9.3824, 11.0327, 21.0371
YIQ	86.7150, -38.7420, -2.7260

# Conversions

## Conversions Part 2

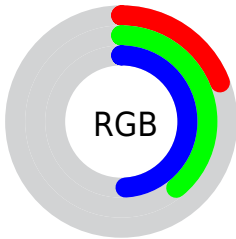
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 79, 125
Decimal	3171197
CIE <sub>Lab</sub>	39.64, -8.73, -19.70
CIE <sub>LCh</sub>	40, 21.545, 246.102
Yxy	11.0327, 0.2263, 0.2662
Android (android.graphics.Color)	4281361277 (0xFF30637D)
YUV	86.7150, 18.8745, -33.9531
Hunter-Lab	33.2155, -7.7061, -14.3004




# Details

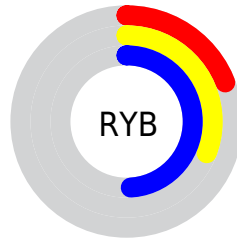
The Hex color **30637D** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7D4A30**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **6596B2**, and **00354C** is the 20% darker color. If you saturate the color by 10%, you get **245F7D**, and if you desaturate by 10%, it is **3D677D**.

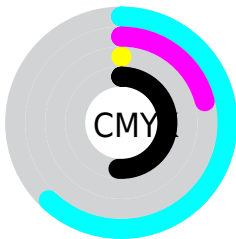
# Distribution







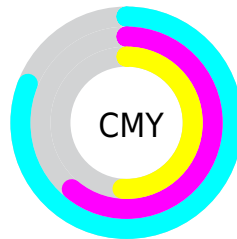
-  Red (19%)
-  Green (39%)
-  Blue (49%)






-  Red (19%)
-  Yellow (31%)
-  Blue (49%)



-  Cyan (62%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (81%)
-  Magenta (61%)
-  Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30637D 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 30637D by changing the saturation by 10% instead.



■ 30637D

■ 30637D

FFFFFF

■ 114B64

■ 6596B2

■ 00354C

■ 80B0CD

■ 001F35

■ 9CCCE9

■ 000220

■ B7E8FF

■ 000004

■ D4FFFF

■ 000000

■ F1FFFF

■ 30637D

■ 30637D

■ 245F7D

■ 3D677D

■ 175B7D

■ 496B7D

■ 0B567D

■ 56707D

■ 00537D

■ 62747D

■ 6E787D

■ 7B7C7D

■ 88817D

■ 94857D

■ A1897D

# Harmonies

## Analogous

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



206671



30637D



4B5E80

# Triad

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



30637D



7F505A



536241

# Complementary

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



30637D



7D4A30

# 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.



665D3A



30637D



7F524A

# Square

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



30637D



77526C



75573E



3E664F

# Rectangle

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



30637D



5C5A7D



75573E



59613D



# Sweetspot

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



30637D



8699A3



307D4A



404C52



D1D1D1



525252



# Same Dimension

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



30637D



2A7AA3



303D7D



393E40



005480



000000



# Inverse Universe

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



7D3063



A32A7A



7D7030



40393E



800054

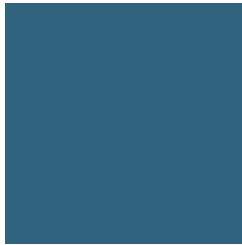


000000



# Previews

## White Background



This preview shows how the Hex color 30637D looks on a white background.

### Color Contrast Check

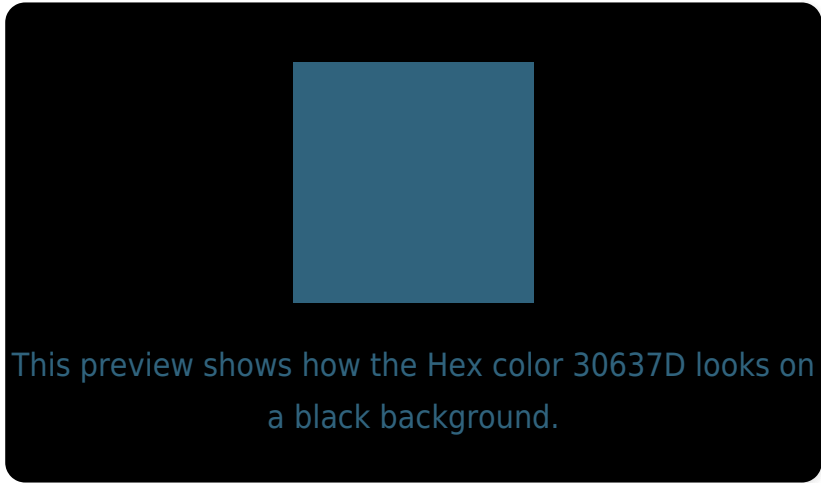
Large Text (above 18pt) WCAG AA ✓ Pass

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

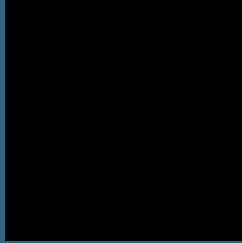
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 30637D Background



This preview shows how black text looks on a background with the Hex color 30637D.

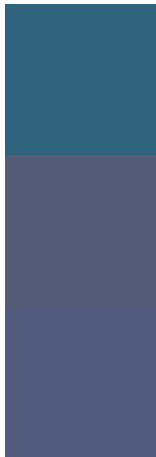


This preview shows how white text looks on a background with the Hex color 30637D.

# 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**  
30637D

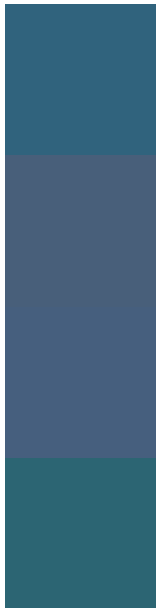
**Protanopia**  
565C78

**Deuteranopia**  
535C7F



**Tritanopia**  
29666E

# Trichromacy



**Original Color**  
30637D

**Protanomaly**  
485F7A

**Deuteranomaly**  
465F7E

**Tritanomaly**  
2C6573

# Monochromacy



**Original Color**  
30637D

**Achromatopsia**  
575757

**Achromatomaly**  
495B65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30637D 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 #30637D looks like.

```
.text, #text, p{  
    color:#30637D  
}
```

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 #30637D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30637D
}
```

## Border

The CSS property to change the border of an element to Hex 30637D 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
#30637D }
```

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

```
.border{ border-color:#30637D }
```

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

Here you see how a box with a 4 pixel #30637D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30637D; -webkit-box-shadow:4px 4px  
4px 4px #30637D; box-shadow:4px 4px 4px  
4px #30637D }
```

# Background

The CSS property to change the background color of an element to Hex 30637D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30637D }
```

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

```
.background{ background-color:#30637D }
```

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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