

Converting Colors

Hex(37627D)

Have a look what the booklet for
Hex(37627D) contains.

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Color

Hex(37627D)

Conversions

Conversions Part 1

Format	Color
Hex	37627D
RGB	55, 98, 125
RGB Percent	22%, 38%, 49%
CMY	0.7843, 0.6157, 0.5098
CMYK	0.56, 0.22, 0.00, 0.51
HSL	203°, 39%, 35%
HSV	203°, 56%, 49%
XYZ	9.6449, 11.0283, 21.0224
YIQ	88.2210, -34.2950, -0.7190

Conversions

Conversions Part 2

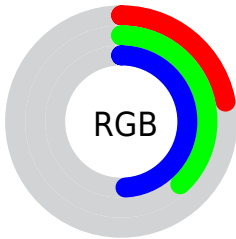
Format	Color
RYB	55, 82, 125
Decimal	3629693
CIELab	39.63, -6.56, -19.68
CIElCh	40, 20.749, 251.566
Yxy	11.0283, 0.2313, 0.2645
Android (android.graphics.Color)	4281819773 (0xFF37627D)
YUV	88.2210, 18.1320, -29.1348
Hunter-Lab	33.2088, -6.2733, -14.2865




Details

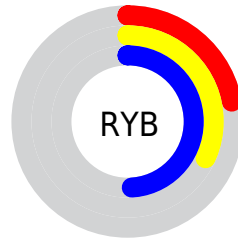
The Hex color **37627D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7D5237**, and the grayscale version is **585858**.




A 20% lighter version of the original color is **6B95B2**, and **00344C** is the 20% darker color. If you saturate the color by 10%, you get **2B5D7D**, and if you desaturate by 10%, it is **44677D**.

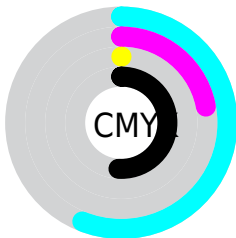
Distribution







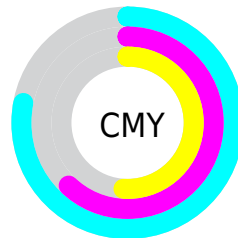
-  Red (22%)
-  Green (38%)
-  Blue (49%)






-  Red (22%)
-  Yellow (32%)
-  Blue (49%)



-  Cyan (56%)
-  Magenta (22%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (78%)
-  Magenta (62%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37627D 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 37627D by changing the saturation by 10% instead.

■ 37627D

■ 37627D

FFFFFF

■ 1B4A64

■ 6B95B2

■ 00344C

■ 86AFCD

■ 001F35

■ A1CBE9

■ 000220

■ BDE7FF

■ 000004

■ D9FFFF

■ 000000

■ F6FFFF

■ 37627D

■ 37627D

■ 2B5D7D

■ 44677D

■ 1E587D

■ 506C7D

■ 12547D

■ 5D707D

■ 054F7D

■ 69757D

■ 004D7D

■ 767A7D

■ 827F7D

■ 8F847D

■ 9B897D

■ A88D7D

Harmonies

Analogous

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



256573



37627D



515D7E

Triad

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



37627D



7F5157



506344

Complementary

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



37627D



7D5237

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.



635E3C



37627D



7C5348

Square

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



37627D



785268



72593E



3C6652

Rectangle

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



37627D



61597A



72593E



566240

Sweetspot

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



37627D



8798A3



377D52



414B52



D1D1D1



525252

Same Dimension

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



37627D



3679A3



373F7D



393D40



004E80



000000

Inverse Universe

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



7D3762



A33679



7D7537



40393D



80004E



000000

Previews

White Background



This preview shows how the Hex color 37627D looks on a white background.

Color Contrast Check

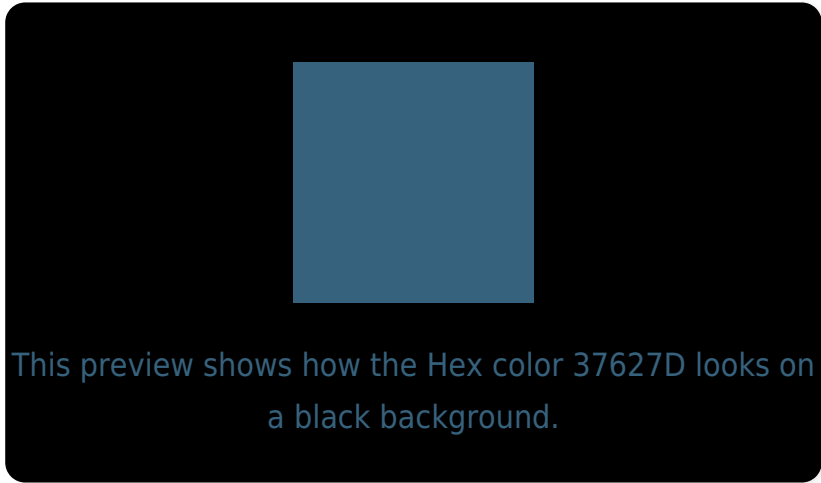
Large Text (above 18pt) WCAG AA ✓ Pass

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

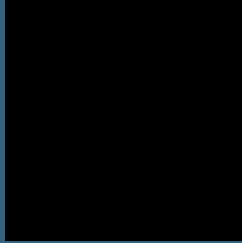
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

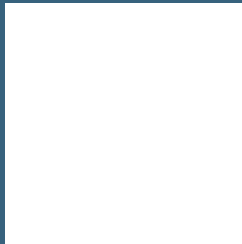
Any Text WCAG AAA × Fail

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

Hex 37627D Background



This preview shows how black text looks on a background with the Hex color 37627D.




This preview shows how white text looks on a background with the Hex color 37627D.

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](#).

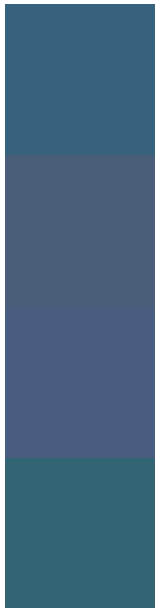
Dichromacy





Tritanopia
31656D

Trichromacy



Original Color
37627D

Protanomaly
4A5E7A

Deuteranomaly
495E7E

Tritanomaly
336473

Monochromacy



Original Color
37627D

Achromatopsia
585858

Achromatomaly
4C5C65

CSS Examples

Text

The CSS property to change the color of the text to Hex 37627D 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 #37627D looks like.

```
.text, #text, p{  
    color:#37627D  
}
```

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 #37627D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37627D
}
```

Border

The CSS property to change the border of an element to Hex 37627D 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
#37627D }
```

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

```
.border{ border-color:#37627D }
```

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

Here you see how a box with a 4 pixel #37627D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37627D; -webkit-box-shadow:4px 4px  
4px 4px #37627D; box-shadow:4px 4px 4px  
4px #37627D }
```

Background

The CSS property to change the background color of an element to Hex 37627D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37627D }
```

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

```
.background{ background-color:#37627D }
```

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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