

Converting Colors

Hex(35677D)

Have a look what the booklet for
Hex(35677D) contains.

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Color

Hex(35677D)

Conversions

Conversions Part 1

Format	Color
Hex	35677D
RGB	53, 103, 125
RGB Percent	21%, 40%, 49%
CMY	0.7922, 0.5961, 0.5098
CMYK	0.58, 0.18, 0.00, 0.51
HSL	198°, 40%, 35%
HSV	198°, 58%, 49%
XYZ	10.0201, 11.9380, 21.1782
YIQ	90.5580, -36.8620, -3.7580

Conversions

Conversions Part 2

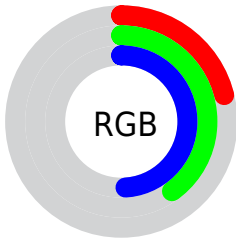
Format	Color
R _{YB}	53, 83, 125
Decimal	3499901
CIE _{Lab}	41.12, -10.00, -17.40
CIE _{LCh}	41, 20.067, 240.127
Y _{xy}	11.9380, 0.2323, 0.2768
Android (android.graphics.Color)	4281689981 (0xFF35677D)
Y _{UV}	90.5580, 16.9799, -32.9384
Hunter-Lab	34.5515, -8.6991, -12.1555

Details

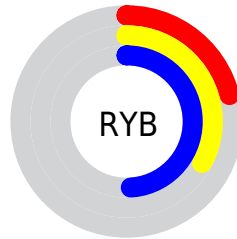
The Hex color **35677D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D4B35**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6A9AB2**, and **00384C** is the 20% darker color. If you saturate the color by 10%, you get **28637D**, and if you desaturate by 10%, it is **416B7D**.

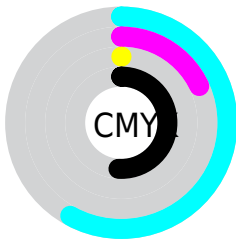
Distribution



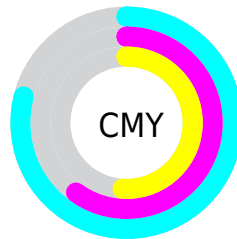
- Red (21%)
- Green (40%)
- Blue (49%)



- Red (21%)
- Yellow (33%)
- Blue (49%)



- Cyan (58%)
- Magenta (18%)
- Yellow (0%)
- Black (51%)



- Cyan (79%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35677D 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 35677D by changing the saturation by 10% instead.

■ 35677D

■ 35677D

FFFFFF

■ 184F64

■ 6A9AB2

■ 00384C

■ 84B5CD

■ 002335

■ A0D0E9

■ 000A20

■ BCEDFF

■ 000005

■ D8FFFF

■ 000000

■ F5FFFF

■ 35677D

■ 35677D

■ 28637D

■ 416B7D

■ 1C5F7D

■ 4E6F7D

■ 0F5C7D

■ 5A727D

■ 03587D

■ 67767D

■ 00577D

■ 737A7D

■ 807E7D

■ 8C827D

■ 99867D

■ A5897D

Harmonies

Analogous

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



2C6A71



35677D



4C6282

Triad

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



35677D



805562



5B6544

Complementary

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



35677D



7D4B35

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.



6C6040



35677D



815651

Square

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



35677D



765772



7A5A45



486850

Rectangle

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



35677D



5C5F80



7A5A45



616342

Sweetspot

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



35677D



879BA3



357D4B



414D52



D1D1D1



525252

Same Dimension

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



35677D



3381A3



35437D



393E40



005980



000000

Inverse Universe

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



7D3567



A33381



7D6F35



40393E



800059



000000

Previews

White Background



This preview shows how the Hex color 35677D looks on a white background.

Color Contrast Check

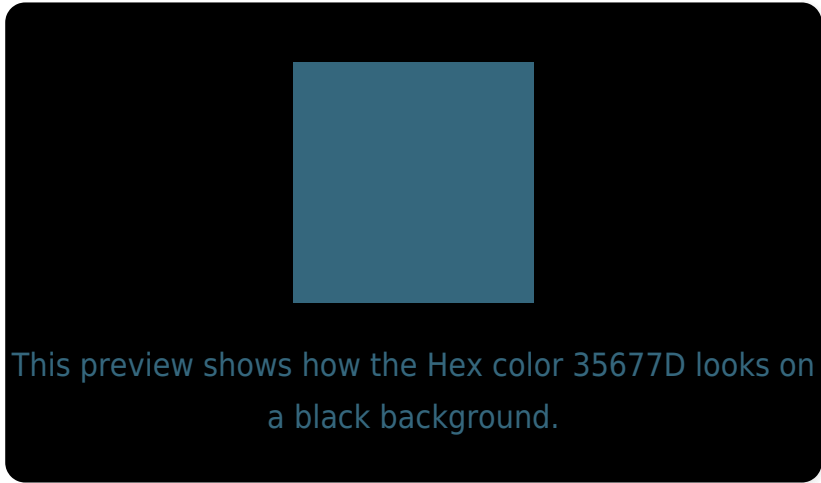
Large Text (above 18pt) WCAG AA ✓ Pass

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

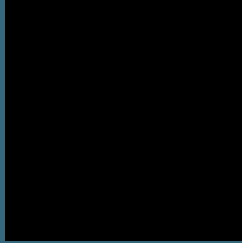
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

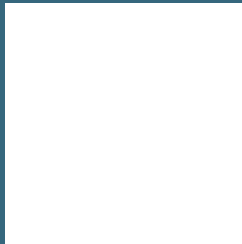
Any Text WCAG AAA × Fail

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

Hex 35677D Background



This preview shows how black text looks on a background with the Hex color 35677D.

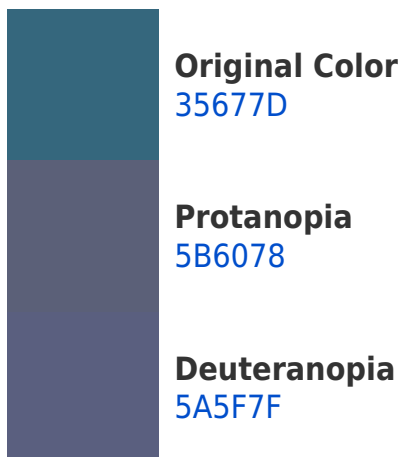



This preview shows how white text looks on a background with the Hex color 35677D.

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](#).

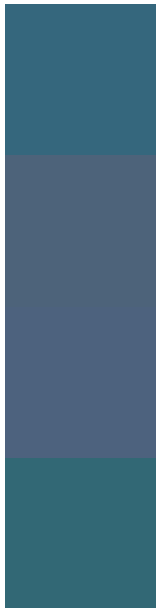
Dichromacy





Tritanopia
306971

Trichromacy



Original Color
35677D

Protanomaly
4D637A

Deuteranomaly
4D627E

Tritanomaly
326875

Monochromacy



Original Color
35677D

Achromatopsia
5B5B5B

Achromatomaly
4D5F67

CSS Examples

Text

The CSS property to change the color of the text to Hex 35677D 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 #35677D looks like.

```
.text, #text, p{  
    color:#35677D  
}
```

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 #35677D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35677D  
}
```

Border

The CSS property to change the border of an element to Hex 35677D 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  
#35677D }
```

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

```
.border{ border-color:#35677D }
```

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

Here you see how a box with a 4 pixel #35677D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35677D; -webkit-box-shadow:4px 4px  
4px 4px #35677D; box-shadow:4px 4px 4px  
4px #35677D }
```

Background

The CSS property to change the background color of an element to Hex 35677D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35677D }
```

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

```
.background{ background-color:#35677D }
```

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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