

Converting Colors

Hex(37568D)

Have a look what the booklet for
Hex(37568D) contains.

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Color

Hex(37568D)

Conversions

Conversions Part 1

Format	Color
Hex	37568D
RGB	55, 86, 141
RGB Percent	22%, 34%, 55%
CMY	0.7843, 0.6627, 0.4471
CMYK	0.61, 0.39, 0.00, 0.45
HSL	218°, 44%, 38%
HSV	218°, 61%, 55%
XYZ	9.7111, 9.3909, 26.5001
YIQ	83.0010, -36.1310, 10.5330

Conversions

Conversions Part 2

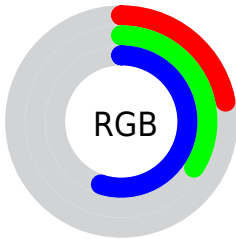
Format	Color
RYB	55, 78, 141
Decimal	3626637
CIELab	36.73, 6.48, -33.96
CIELCh	37, 34.575, 280.800
Yxy	9.3909, 0.2130, 0.2059
Android (android.graphics.Color)	4281816717 (0xFF37568D)
YUV	83.0010, 28.5935, -24.5569
Hunter-Lab	30.6446, 2.9375, -29.8203

Details

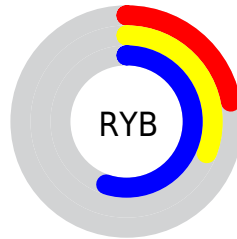
The Hex color **37568D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8D6E37**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6D87C3**, and **00295A** is the 20% darker color. If you saturate the color by 10%, you get **294D8D**, and if you desaturate by 10%, it is **455F8D**.

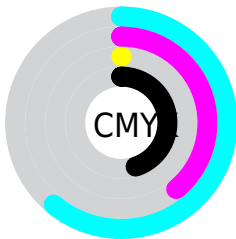
Distribution



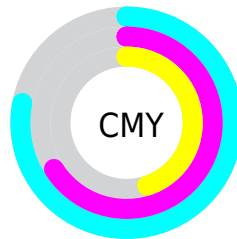
- Red (22%)
- Green (34%)
- Blue (55%)



- Red (22%)
- Yellow (31%)
- Blue (55%)



- Cyan (61%)
- Magenta (39%)
- Yellow (0%)
- Black (45%)



- Cyan (78%)
- Magenta (66%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37568D 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 37568D by changing the saturation by 10% instead.

■ 37568D

■ 37568D

FFFFFF

■ 183F73

■ 6D87C3

■ 00295A

■ 88A2DF

■ 001642

■ A4BCFC

■ 00032C

■ C0D8FF

■ 000116

■ DDF5FF

■ 000000

■ FAFFFF

■ 37568D

■ 37568D

■ 294D8D

■ 455F8D

■ 1B448D

■ 53688D

■ 0D3B8D

■ 61718D

■ 00338D

■ 6F7A8D

■ 7E838D

■ 8C8C8D

■ 9A958D

■ A89E8D

■ B6A78D

Harmonies

Analogous

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



005E8B



37568D



654B81

Triad

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



37568D



854433



0A6343

Complementary

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



37568D



8D6E37

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.



3E5F2A



37568D



754E21

Square

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



37568D



8A3E4D



5D581D



006460

Rectangle

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



37568D



794472



5D581D



23623A

Sweetspot

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



37568D



97A2B8



378D6D



484F5C



DBDBDB



5C5C5C

Same Dimension

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



37568D



3262B8



42378D



404347



003187



000308

Inverse Universe

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



8D3756



B83262



828D37



474043



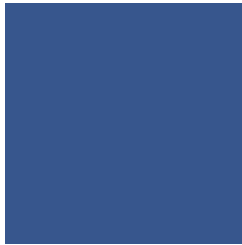
870031



080003

Previews

White Background



This preview shows how the Hex color 37568D looks on a white background.

Color Contrast Check

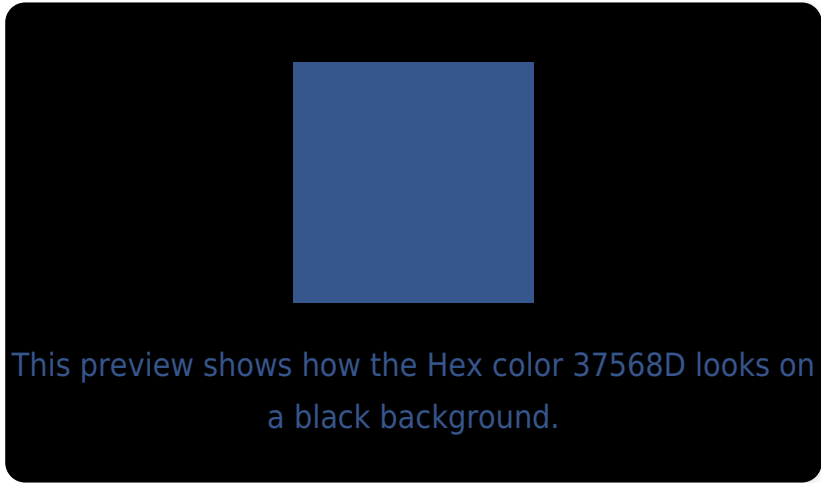
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

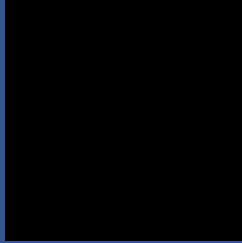
Any Text WCAG AA × Fail

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 37568D Background



This preview shows how black text looks on a background with the Hex color 37568D.



This preview shows how white text looks on a background with the Hex color 37568D.

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
37568D

Protanopia
40548B

Deuteranopia
34578D



Tritanopia
255E66

Trichromacy



Original Color
37568D

Protanomaly
3D558C

Deuteranomaly
35578D

Tritanomaly
2C5B74

Monochromacy



Original Color
37568D

Achromatopsia
535353

Achromatomaly
495468

CSS Examples

Text

The CSS property to change the color of the text to Hex 37568D 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 #37568D looks like.

```
.text, #text, p{  
    color:#37568D  
}
```

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 #37568D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37568D
}
```

Border

The CSS property to change the border of an element to Hex 37568D 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
#37568D }
```

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

```
.border{ border-color:#37568D }
```

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

Here you see how a box with a 4 pixel #37568D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37568D; -webkit-box-shadow:4px 4px  
4px 4px #37568D; box-shadow:4px 4px 4px  
4px #37568D }
```

Background

The CSS property to change the background color of an element to Hex 37568D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37568D }
```

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

```
.background{ background-color:#37568D }
```

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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