

Converting Colors

Hex(375688)

Have a look what the booklet for
Hex(375688) contains.

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Color

Hex(375688)

Conversions

Conversions Part 1

Format	Color
Hex	375688
RGB	55, 86, 136
RGB Percent	22%, 34%, 53%
CMY	0.7843, 0.6627, 0.4667
CMYK	0.60, 0.37, 0.00, 0.47
HSL	217°, 42%, 37%
HSV	217°, 60%, 53%
XYZ	9.3473, 9.2454, 24.5844
YIQ	82.4310, -34.5260, 8.9780

Conversions

Conversions Part 2

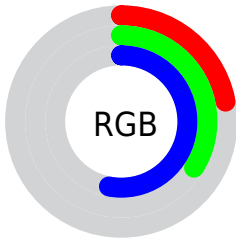
Format	Color
RYB	55, 77, 136
Decimal	3626632
CIELab	36.45, 4.70, -31.35
CIElCh	36, 31.701, 278.531
Yxy	9.2454, 0.2165, 0.2141
Android (android.graphics.Color)	4281816712 (0xFF375688)
YUV	82.4310, 26.4095, -24.0570
Hunter-Lab	30.4062, 1.6624, -26.6536

Details

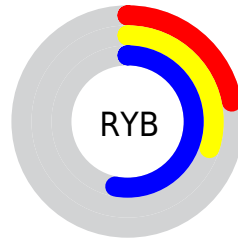
The Hex color **375688** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **886937**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6C87BE**, and **002956** is the 20% darker color. If you saturate the color by 10%, you get **294E88**, and if you desaturate by 10%, it is **455E88**.

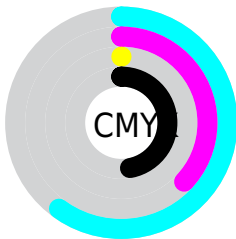
Distribution



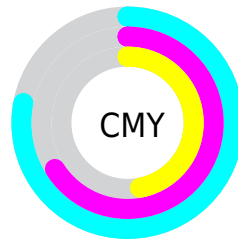
- Red (22%)
- Green (34%)
- Blue (53%)



- Red (22%)
- Yellow (30%)
- Blue (53%)



- Cyan (60%)
- Magenta (37%)
- Yellow (0%)
- Black (47%)



- Cyan (78%)
- Magenta (66%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 375688 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 375688 by changing the saturation by 10% instead.

■ 375688

■ 375688

FFFFFF

■ 1A3F6E

■ 6C87BE

■ 002956

■ 87A2DA

■ 00153E

■ A3BDF6

■ 000328

■ BFD8FF

■ 000112

■ DCF5FF

■ 000000

■ F9FFFF

■ 375688

■ 375688

■ 294E88

■ 455E88

■ 1C4588

■ 526788

■ 0E3D88

■ 606F88

■ 013488

■ 6D7888

■ 003488

■ 7B8088

■ 898888

■ 969188

■ A49988

■ B1A288

Harmonies

Analogous

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



005D85



375688



614C7E

Triad

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



375688



824537



1C6142

Complementary

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



375688



886937

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.



425D2C



375688



744E26

Square

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



375688



85404F



5E5721



00635C

Rectangle

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



375688



744671



5E5721



2C603A

Sweetspot

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



375688



909CB0



378869



464D59



D9D9D9



595959

Same Dimension

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



375688



3363B0



403788



3E4145



003385



000205

Inverse Universe

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



883756



B03363



7F8837



453E41



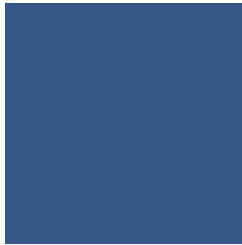
850033



050002

Previews

White Background



This preview shows how the Hex color 375688 looks on a white background.

Color Contrast Check

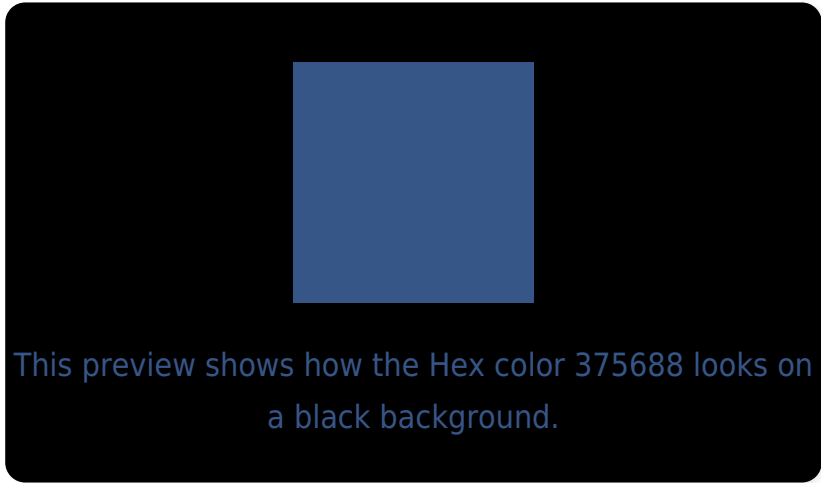
Large Text (above 18pt) WCAG AA ✓ Pass

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

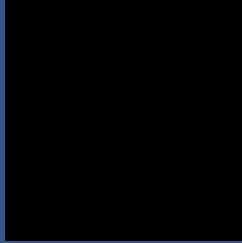
Any Text WCAG AA × Fail

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 375688 Background



This preview shows how black text looks on a background with the Hex color 375688.



This preview shows how white text looks on a background with the Hex color 375688.

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


375688

Protanopia

435486

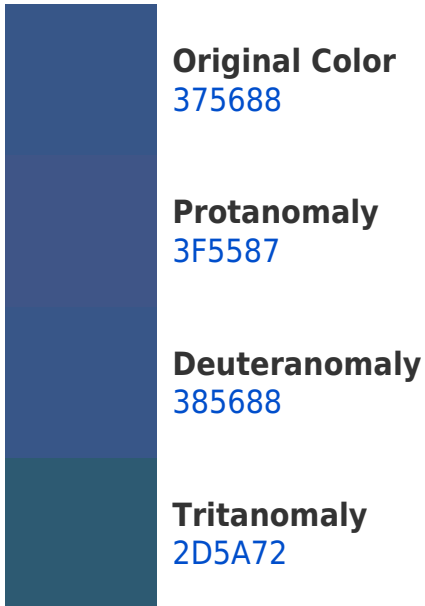
Deuteranopia

395688



Tritanopia
275D65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 375688 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 #375688 looks like.

```
.text, #text, p{  
    color:#375688  
}
```

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 #375688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #375688
}
```

Border

The CSS property to change the border of an element to Hex 375688 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
#375688 }
```

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

```
.border{ border-color:#375688 }
```

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

Here you see how a box with a 4 pixel #375688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #375688; -webkit-box-shadow:4px 4px  
4px 4px #375688; box-shadow:4px 4px 4px  
4px #375688 }
```

Background

The CSS property to change the background color of an element to Hex 375688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#375688 }
```

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

```
.background{ background-color:#375688 }
```

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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