

Converting Colors

Hex(373D84)

Have a look what the booklet for
Hex(373D84) contains.

Hex(373D84)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(373D84)

Conversions

Conversions Part 1

Format	Color
Hex	373D84
RGB	55, 61, 132
RGB Percent	22%, 24%, 52%
CMY	0.7843, 0.7608, 0.4824
CMYK	0.58, 0.54, 0.00, 0.48
HSL	235°, 41%, 37%
HSV	235°, 58%, 52%
XYZ	7.4091, 5.8157, 22.5618
YIQ	67.3000, -26.3670, 20.8090

Conversions

Conversions Part 2

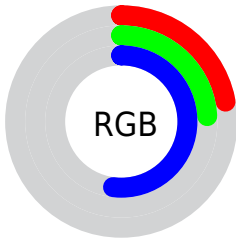
Format	Color
RYB	55, 61, 132
Decimal	3620228
CIELab	28.94, 19.87, -40.86
CIELCh	29, 45.438, 295.934
Yxy	5.8157, 0.2070, 0.1625
Android (android.graphics.Color)	4281810308 (0xFF373D84)
YUV	67.3000, 31.8971, -10.7871
Hunter-Lab	24.1157, 12.6388, -38.5888

Details

The Hex color **373D84** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **847E37**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6D6CBA**, and **001452** is the 20% darker color. If you saturate the color by 10%, you get **2A3184**, and if you desaturate by 10%, it is **444984**.

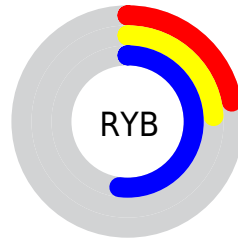
Distribution



 Red (22%)

 Green (24%)

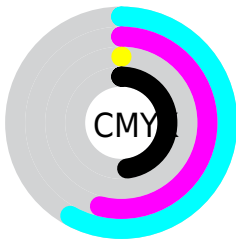
 Blue (52%)




 Red (22%)

 Yellow (24%)

 Blue (52%)

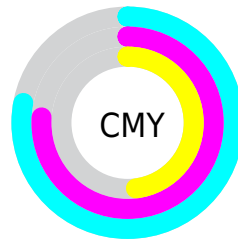


 Cyan (58%)

 Magenta (54%)

 Yellow (0%)

 Black (48%)



 Cyan (78%)

 Magenta (76%)

 Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 373D84 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 373D84 by changing the saturation by 10% instead.

■ 373D84

■ 373D84

FFFFFF

■ 19276A

■ 6D6CBA

■ 001452

■ 8886D6

■ 00003A

■ A3A0F2

■ 000224

■ BFBBFF

■ 00000B

■ DCD6FF

■ 000000

■ F9F3FF

■ 373D84

■ 373D84

■ 2A3184

■ 444984

■ 1D2584

■ 515584

■ 0F1884

■ 5F6284

■ 020C84

■ 6C6E84

■ 000A84

■ 797A84

■ 868684

■ 939284

■ A19E84

■ AEAB84

Harmonies

Analogous

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



004A8B



373D84



692B6C

Triad

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



373D84



713205



00533E

Complementary

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



373D84



847E37

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.



005119



373D84



584100

Square

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



373D84



802128



364B00



005462

Rectangle

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



373D84



7A1F56



364B00



005332

Sweetspot

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



373D84



8C8EAB



37847E



444557



D6D6D6



575757

Same Dimension

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



373D84



333DAB



573784



3C3C42



000A82



000003

Inverse Universe

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



84373D



AB333D



648437



423C3C



82000A



030000

Previews

White Background



This preview shows how the Hex color 373D84 looks on a white background.

Color Contrast Check

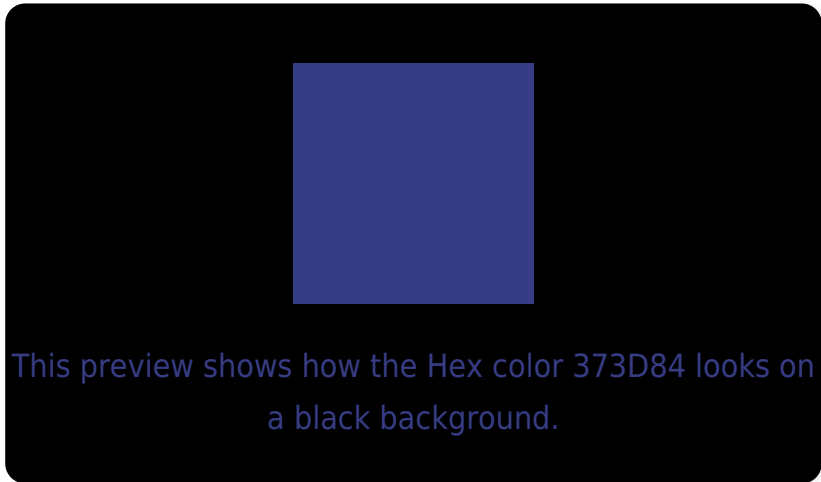
Large Text (above 18pt) WCAG AA ✓ Pass

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

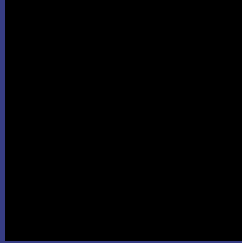
Any Text WCAG AA × Fail

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 373D84 Background



This preview shows how black text looks on a background with the Hex color 373D84.

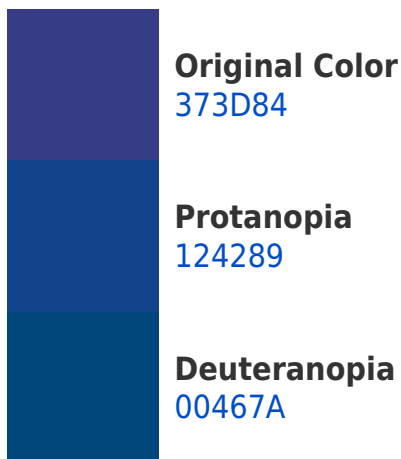


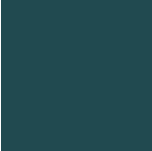
This preview shows how white text looks on a background with the Hex color 373D84.

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
214A50

Trichromacy



Original Color
373D84

Protanomaly
1F4087

Deuteranomaly
14437E

Tritanomaly
294563

Monochromacy



Original Color
373D84

Achromatopsia
434343

Achromatomaly
3F415B

CSS Examples

Text

The CSS property to change the color of the text to Hex 373D84 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 #373D84 looks like.

```
.text, #text, p{  
    color:#373D84  
}
```

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 #373D84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #373D84
}
```

Border

The CSS property to change the border of an element to Hex 373D84 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
#373D84 }
```

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

```
.border{ border-color:#373D84 }
```

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

Here you see how a box with a 4 pixel #373D84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #373D84; -webkit-box-shadow:4px 4px  
4px 4px #373D84; box-shadow:4px 4px 4px  
4px #373D84 }
```

Background

The CSS property to change the background color of an element to Hex 373D84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#373D84 }
```

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

```
.background{ background-color:#373D84 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor