

Converting Colors

Hex(373B95)

Have a look what the booklet for
Hex(373B95) contains.

Hex(373B95)	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(373B95)

Conversions

Conversions Part 1

Format	Color
Hex	373B95
RGB	55, 59, 149
RGB Percent	22%, 23%, 58%
CMY	0.7843, 0.7686, 0.4157
CMYK	0.63, 0.60, 0.00, 0.42
HSL	237°, 46%, 40%
HSV	237°, 63%, 58%
XYZ	8.5643, 6.1101, 29.1617
YIQ	68.0640, -31.2740, 27.1420

Conversions

Conversions Part 2

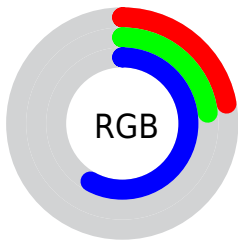
Format	Color
R_{YB}	55, 59, 149
Decimal	3619733
CIE _{Lab}	29.69, 27.23, -50.14
CIE _{LCh}	30, 57.059, 298.499
Y _{xy}	6.1101, 0.1954, 0.1394
Android (android.graphics.Color)	4281809813 (0xFF373B95)
YUV	68.0640, 39.9014, -11.4571
Hunter-Lab	24.7186, 18.5880, -52.6444

Details

The Hex color **373B95** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **959137**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **706ACC**, and **001161** is the 20% darker color. If you saturate the color by 10%, you get **282D95**, and if you desaturate by 10%, it is **464995**.

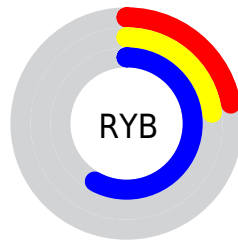
Distribution



Red (22%)

Green (23%)

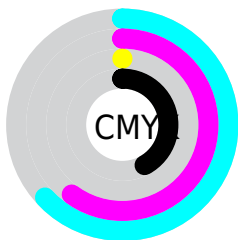
Blue (58%)



Red (22%)

Yellow (23%)

Blue (58%)

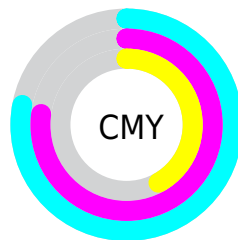


Cyan (63%)

Magenta (60%)

Yellow (0%)

Black (42%)



Cyan (78%)

Magenta (77%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 373B95 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 373B95 by changing the saturation by 10% instead.

■ 373B95

■ 373B95

FFFFFF

■ 14257B

■ 706ACC

■ 001161

■ 8C84E8

■ 000049

■ A89EFF

■ 000431

■ C5B9FF

■ 00011B

■ E2D4FF

■ 000000

■ FFF1FF

■ 373B95

■ 373B95

■ 282D95

■ 464995

■ 191E95

■ 555895

■ 0A1095

■ 646695

■ 000695

■ 737495

■ 828295

■ 909195

■ 9F9F95

■ AEAD95

■ BDBB95

Harmonies

Analogous

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



004DA0



373B95



771E75

Triad

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



373B95



792F00



005842

Complementary

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



373B95



959137

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.



005511



373B95



584400

Square

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



373B95



8E0E1F



2D4F00



00586F

Rectangle

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



373B95



8A0059



2D4F00



005733

Sweetspot

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



373B95



9D9FC2



379590



4B4C61



E0E0E0



616161

Same Dimension

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



373B95



2F35C2



613795



43434A



00068A



00000A

Inverse Universe

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



95373B



C22F35



6B9537



4A4343



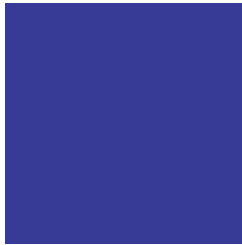
8A0006



0A0000

Previews

White Background



This preview shows how the Hex color 373B95 looks on a white background.

Color Contrast Check

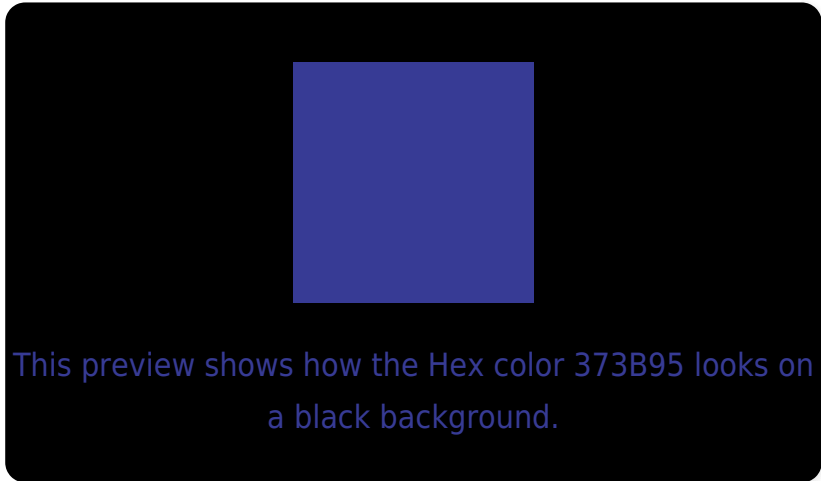
Large Text (above 18pt) WCAG AA ✓ Pass

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

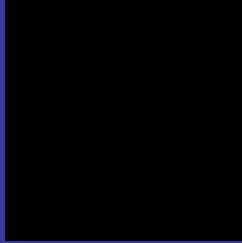
Any Text WCAG AA × Fail

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 373B95 Background



This preview shows how black text looks on a background with the Hex color 373B95.

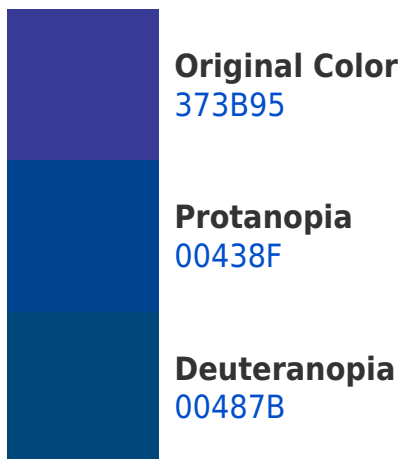


This preview shows how white text looks on a background with the Hex color 373B95.

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
0F4D54

Trichromacy



Original Color
373B95

Protanomaly
144091

Deuteranomaly
144384

Tritanomaly
1E466C

Monochromacy



Original Color
373B95

Achromatopsia
444444

Achromatomaly
3F4161

CSS Examples

Text

The CSS property to change the color of the text to Hex 373B95 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 #373B95 looks like.

```
.text, #text, p{  
    color:#373B95  
}
```

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 #373B95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #373B95
}
```

Border

The CSS property to change the border of an element to Hex 373B95 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
#373B95 }
```

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

```
.border{ border-color:#373B95 }
```

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

Here you see how a box with a 4 pixel #373B95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #373B95; -webkit-box-shadow:4px 4px  
4px 4px #373B95; box-shadow:4px 4px 4px  
4px #373B95 }
```

Background

The CSS property to change the background color of an element to Hex 373B95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#373B95 }
```

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

```
.background{ background-color:#373B95 }
```

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