

Converting Colors

Hex(37499B)

Have a look what the booklet for
Hex(37499B) contains.

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Color

Hex(37499B)

Conversions

Conversions Part 1

Format	Color
Hex	37499B
RGB	55, 73, 155
RGB Percent	22%, 29%, 61%
CMY	0.7843, 0.7137, 0.3922
CMYK	0.65, 0.53, 0.00, 0.39
HSL	229°, 48%, 41%
HSV	229°, 65%, 61%
XYZ	9.8745, 7.9439, 32.0232
YIQ	76.9660, -37.0500, 21.6860

Conversions

Conversions Part 2

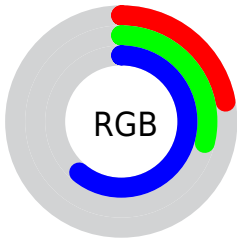
Format	Color
RYB	55, 70, 155
Decimal	3623323
CIELab	33.87, 20.11, -47.03
CIELCh	34, 51.149, 293.155
Yxy	7.9439, 0.1981, 0.1594
Android (android.graphics.Color)	4281813403 (0xFF37499B)
YUV	76.9660, 38.4708, -19.2642
Hunter-Lab	28.1849, 13.2134, -47.6350

Details

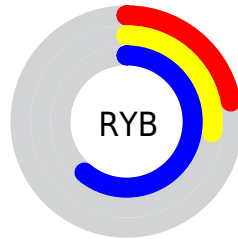
The Hex color **37499B** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **9B8937**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7079D2**, and **001E67** is the 20% darker color. If you saturate the color by 10%, you get **283C9B**, and if you desaturate by 10%, it is **46569B**.

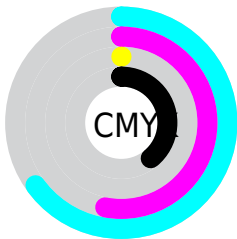
Distribution



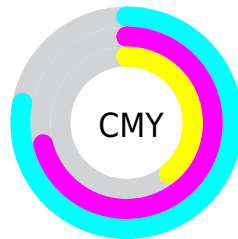
- Red (22%)
- Green (29%)
- Blue (61%)



- Red (22%)
- Yellow (27%)
- Blue (61%)



- Cyan (65%)
- Magenta (53%)
- Yellow (0%)
- Black (39%)



- Cyan (78%)
- Magenta (71%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37499B 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 37499B by changing the saturation by 10% instead.

■ 37499B

■ 37499B

FFFFFF

■ 133381

■ 7079D2

■ 001E67

■ 8C93EF

■ 00084E

■ A8ADFF

■ 000537

■ C5C9FF

■ 000220

■ E2E5FF

■ 000005

■ 000000

■ 37499B

■ 37499B

■ 283C9B

■ 46569B

■ 18309B

■ 56629B

■ 08239B

■ 656F9B

■ 001C9B

■ 757C9B

■ 84899B

■ 94959B

■ A4A29B

■ B3AF9B

■ C3BB9B

Harmonies

Analogous

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



0057A1



37499B



773481

Triad

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



37499B



86390B



006145

Complementary

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



37499B



9B8937

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.



005E1A



37499B



694B00

Square

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



37499B



952533



435700



00626F

Rectangle

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



37499B



8C2668



435700



006037

Sweetspot

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



37499B



A3AAC9



379B89



4F5366



E6E6E6



666666

Same Dimension

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



37499B



2E4AC9



57379B



45464D



00198C



00020D

Inverse Universe

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



9B3749



C92E4A



7B9B37



4D4546



8C0019



0D0002

Previews

White Background



This preview shows how the Hex color 37499B looks on a white background.

Color Contrast Check

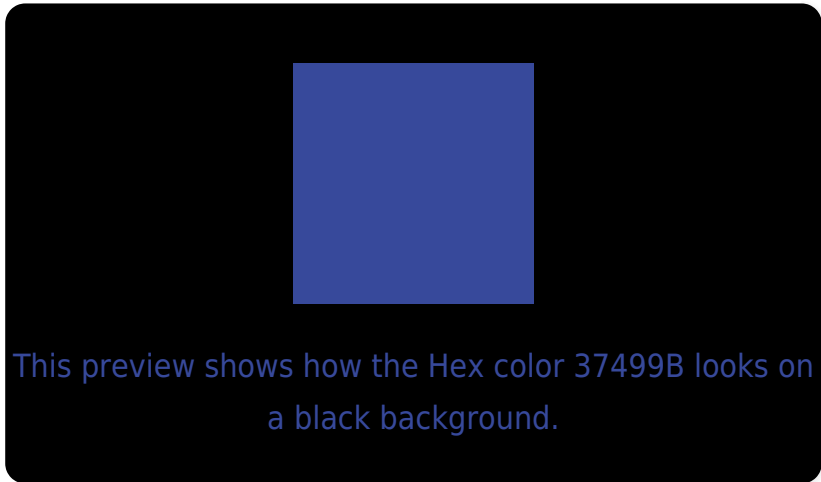
Large Text (above 18pt) WCAG AA ✓ Pass

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

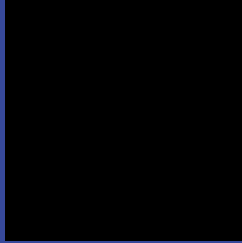
Any Text WCAG AA × Fail

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 37499B Background



This preview shows how black text looks on a background with the Hex color 37499B.



This preview shows how white text looks on a background with the Hex color 37499B.

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
0F585F

Trichromacy



Original Color
37499B

Protanomaly
234C9E

Deuteranomaly
144E93

Tritanomaly
1E5375

Monochromacy



Original Color
37499B

Achromatopsia
4D4D4D

Achromatomaly
454C69

CSS Examples

Text

The CSS property to change the color of the text to Hex 37499B 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 #37499B looks like.

```
.text, #text, p{  
    color:#37499B  
}
```

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 #37499B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37499B
}
```

Border

The CSS property to change the border of an element to Hex 37499B 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".

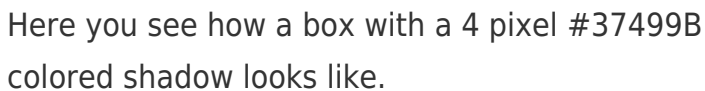
```
.border, #border, table{ border:4px solid
#37499B }
```

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

```
.border{ border-color:#37499B }
```

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

Here you see how a box with a 4 pixel #37499B colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37499B; -webkit-box-shadow:4px 4px  
4px 4px #37499B; box-shadow:4px 4px 4px  
4px #37499B }
```

Background

The CSS property to change the background color of an element to Hex 37499B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37499B }
```

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

```
.background{ background-color:#37499B }
```

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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