

Converting Colors

Hex(382B9C)

Have a look what the booklet for
Hex(382B9C) contains.

Hex(382B9C)	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>	28

Color

Hex(382B9C)

Conversions

Conversions Part 1

Format	Color
Hex	382B9C
RGB	56, 43, 156
RGB Percent	22%, 17%, 61%
CMY	0.7804, 0.8314, 0.3882
CMYK	0.64, 0.72, 0.00, 0.39
HSL	247°, 57%, 39%
HSV	247°, 72%, 61%
XYZ	8.4955, 4.9688, 31.9638
YIQ	59.7690, -28.5250, 37.8990

Conversions

Conversions Part 2

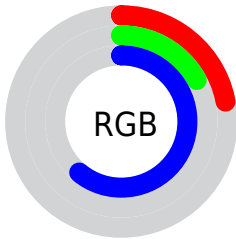
Format	Color
R_{YB}	56, 43, 156
Decimal	3681180
CIE _{Lab}	26.65, 39.74, -59.39
CIE _{LCh}	27, 71.463, 303.785
Yxy	4.9688, 0.1870, 0.1094
Android (android.graphics.Color)	4281871260 (0xFF382B9C)
YUV	59.7690, 47.4419, -3.3054
Hunter-Lab	22.2908, 29.0213, -69.4150

Details

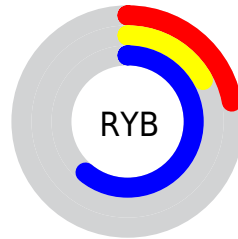
The Hex color **382B9C** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8F9C2B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **735AD4**, and **000067** is the 20% darker color. If you saturate the color by 10%, you get **2A1B9C**, and if you desaturate by 10%, it is **463B9C**.

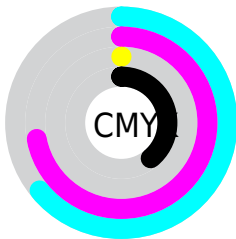
Distribution



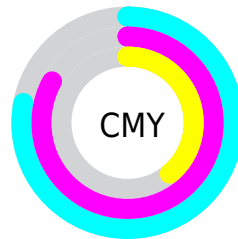
- Red (22%)
- Green (17%)
- Blue (61%)



- Red (22%)
- Yellow (17%)
- Blue (61%)



- Cyan (64%)
- Magenta (72%)
- Yellow (0%)
- Black (39%)



- Cyan (78%)
- Magenta (83%)
- Yellow (39%)
- Black (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 382B9C 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 382B9C by changing the saturation by 10% instead.

■ 382B9C

■ 382B9C

FFFFFF

■ 111581

■ 735AD4

■ 000067

■ 9073F0

■ 00004F

■ AD8DFF

■ 000537

■ CAA8FF

■ 000220

■ E7C3FF

■ 000005

■ FFE0FF

■ 000000

■ FFFCFF

■ 382B9C

■ 382B9C

■ 2A1B9C

■ 463B9C

■ 1C0C9C

■ 544A9C

■ 12009C

■ 615A9C

■ 6F699C

■ 7D799C

■ 8B899C

■ 99989C

■ A6A89C

■ B4B79C

Harmonies

Analogous

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



0046AF



382B9C



810070

Triad

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



382B9C



722600



005245

Complementary

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



382B9C



8F9C2B

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.



005004



382B9C



484000

Square

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



382B9C



8F0002



004B00



00537B

Rectangle

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



382B9C



94004D



004B00



005232

Sweetspot

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



382B9C



A49FCC



2B919C



4F4B66



E6E6E6



666666

Same Dimension

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



382B9C



2F1BCC



6F2B9C



48474F



10008F



02000F

Inverse Universe

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



9C2B8F



CC1BB8



589C2B



4F474E



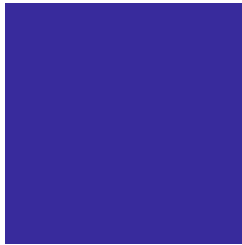
8F007E



0F000E

Previews

White Background



This preview shows how the Hex color 382B9C looks on a white background.

Color Contrast Check

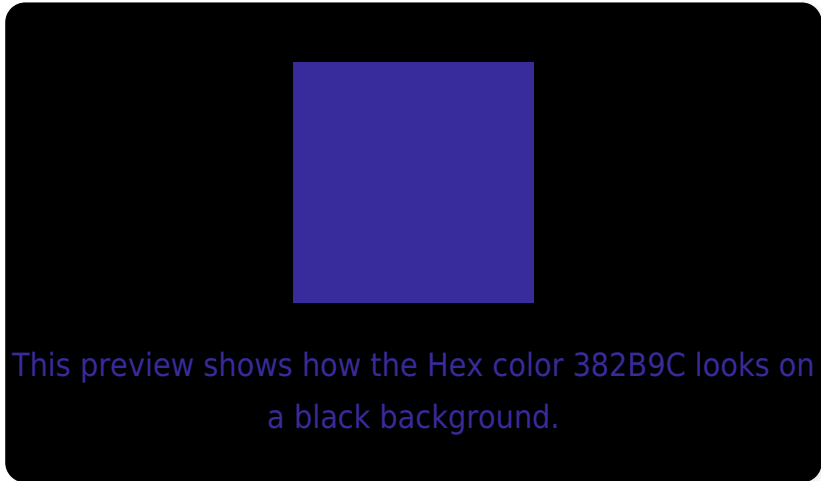
Large Text (above 18pt) WCAG AA ✓ Pass

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

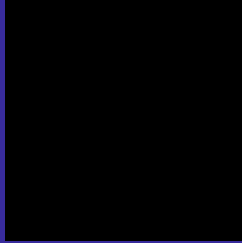
Any Text WCAG AA × Fail

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 382B9C Background



This preview shows how black text looks on a background with the Hex color 382B9C.

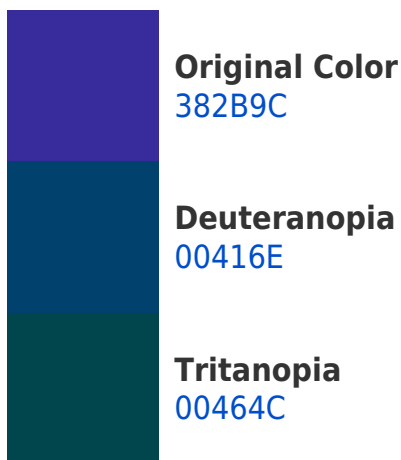


This preview shows how white text looks on a background with the Hex color 382B9C.

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



Trichromacy



Original Color
382B9C

Deuteranomaly
14397F

Tritanomaly
143C69

Monochromacy



Original Color
382B9C

Achromatopsia
3C3C3C

Achromatomaly
3B365F

CSS Examples

Text

The CSS property to change the color of the text to Hex 382B9C 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 #382B9C looks like.

```
.text, #text, p{  
    color:#382B9C  
}
```

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 #382B9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #382B9C
}
```

Border

The CSS property to change the border of an element to Hex 382B9C 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".

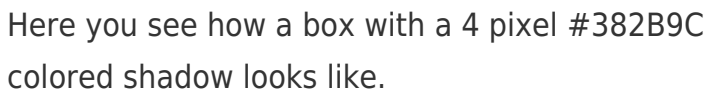
```
.border, #border, table{ border:4px solid
#382B9C }
```

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

```
.border{ border-color:#382B9C }
```

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

Here you see how a box with a 4 pixel #382B9C colored shadow looks like.

A rectangular box with a thick 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 #382B9C; -webkit-box-shadow:4px 4px  
4px 4px #382B9C; box-shadow:4px 4px 4px  
4px #382B9C }
```

Background

The CSS property to change the background color of an element to Hex 382B9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#382B9C }
```

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

```
.background{ background-color:#382B9C }
```

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