

Converting Colors

Hex(383678)

Have a look what the booklet for
Hex(383678) contains.

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Color

Hex(383678)

Conversions

Conversions Part 1

Format	Color
Hex	383678
RGB	56, 54, 120
RGB Percent	22%, 21%, 47%
CMY	0.7804, 0.7882, 0.5294
CMYK	0.53, 0.55, 0.00, 0.53
HSL	242°, 38%, 34%
HSV	242°, 55%, 47%
XYZ	6.3402, 4.8352, 18.3684
YIQ	62.1220, -19.9940, 20.9500

Conversions

Conversions Part 2

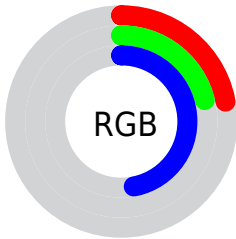
Format	Color
R_{YB}	56, 54, 120
Decimal	3683960
CIE _{Lab}	26.26, 20.63, -37.65
CIE _{LCh}	26, 42.928, 298.716
Yxy	4.8352, 0.2146, 0.1637
Android (android.graphics.Color)	4281874040 (0xFF383678)
YUV	62.1220, 28.5339, -5.3690
Hunter-Lab	21.9890, 12.9873, -34.1354

Details

The Hex color **383678** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **767836**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6C65AD**, and **000C47** is the 20% darker color. If you saturate the color by 10%, you get **2C2A78**, and if you desaturate by 10%, it is **444278**.

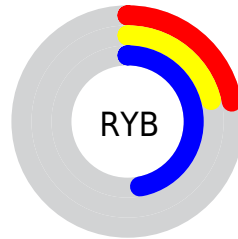
Distribution



Red (22%)

Green (21%)

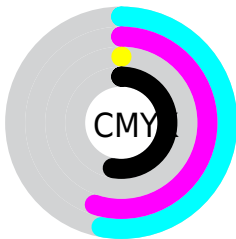
Blue (47%)



Red (22%)

Yellow (21%)

Blue (47%)

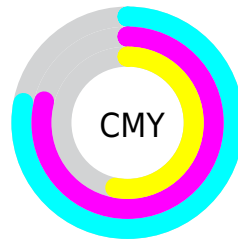


Cyan (53%)

Magenta (55%)

Yellow (0%)

Black (53%)



Cyan (78%)

Magenta (79%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383678 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 383678 by changing the saturation by 10% instead.

■ 383678

■ 383678

FFFFFF

■ 1D215F

■ 6C65AD

■ 000C47

■ 877EC8

■ 000030

■ A298E5

■ 00011A

■ BEB2FF

■ 000000

■ DACEFF

■ F7EAFF

■ 383678

■ 383678

■ 2C2A78

■ 444278

■ 211E78

■ 4F4E78

■ 151278

■ 5B5A78

■ 090678

■ 676678

■ 040078

■ 727278

■ 7E7E78

■ 898A78

■ 959678

■ A1A278

Harmonies

Analogous

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



004380



383678



632561

Triad

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



383678



662F00



004C3C

Complementary

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



383678



767836

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.



004A1A



383678



4E3C00

Square

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



383678



751E21



2E4500



004C5D

Rectangle

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



383678



721B4C



2E4500



004C30

Sweetspot

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



383678



82819C



367778



403F4F



CFCFCF



4F4F4F

Same Dimension

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



383678



38359C



583678



37373D



04007D



0800FC

Inverse Universe

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



783676



9C3598



567836



3D373D



7D0079



FC00F5

Previews

White Background



This preview shows how the Hex color 383678 looks on a white background.

Color Contrast Check

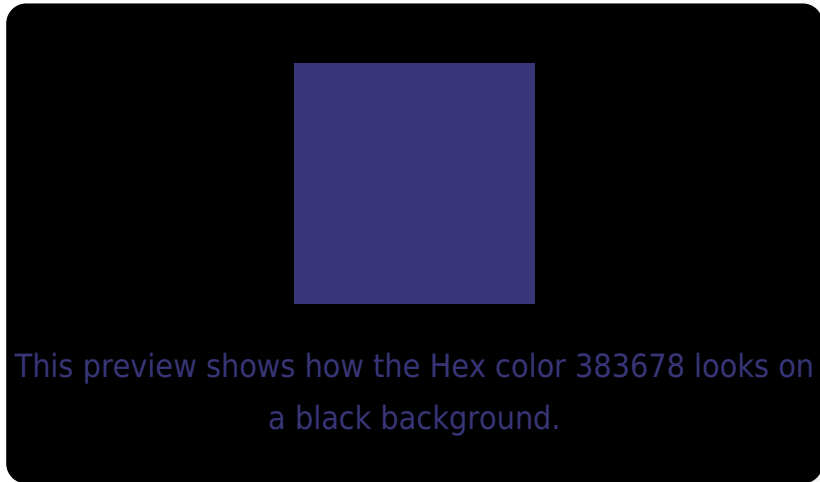
Large Text (above 18pt) WCAG AA ✓ Pass

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

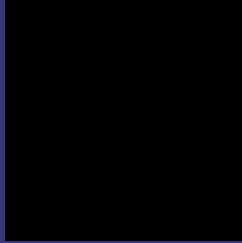
Any Text WCAG AA × Fail

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 383678 Background



This preview shows how black text looks on a background with the Hex color 383678.



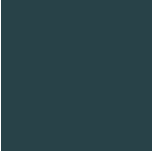
This preview shows how white text looks on a background with the Hex color 383678.

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
284248

Trichromacy



Original Color
383678

Protanomaly
1B3A7C

Deuteranomaly
143C72

Tritanomaly
2E3E59

Monochromacy



Original Color
383678

Achromatopsia
3E3E3E

Achromatomaly
3C3B53

CSS Examples

Text

The CSS property to change the color of the text to Hex 383678 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 #383678 looks like.

```
.text, #text, p{  
    color:#383678  
}
```

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 #383678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383678
}
```

Border

The CSS property to change the border of an element to Hex 383678 is called "border". The border property can be set on classes, ids or directly on the HTML element.

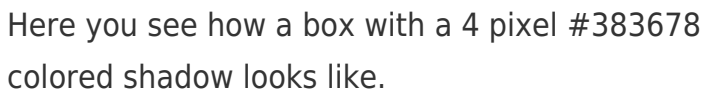
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#383678 }
```

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

```
.border{ border-color:#383678 }
```

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



Here you see how a box with a 4 pixel #383678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383678; -webkit-box-shadow:4px 4px  
4px 4px #383678; box-shadow:4px 4px 4px  
4px #383678 }
```

Background

The CSS property to change the background color of an element to Hex 383678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383678 }
```

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

```
.background{ background-color:#383678 }
```

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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