

# Converting Colors

Hex(382338)

Have a look what the booklet for  
Hex(382338) contains.

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# Color

**Hex(382338)**

# Conversions

## Conversions Part 1

Format	Color
Hex	382338
RGB	56, 35, 56
RGB Percent	22%, 14%, 22%
CMY	0.7804, 0.8627, 0.7804
CMYK	0.00, 0.38, 0.00, 0.78
HSL	300°, 23%, 18%
HSV	300°, 37%, 22%
XYZ	2.9457, 2.3283, 4.0355
YIQ	43.6730, 5.7750, 10.9830

# Conversions

## Conversions Part 2

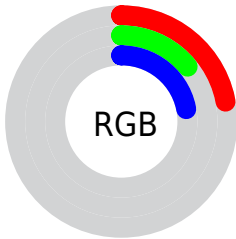
Format	Color
R <sub>Y</sub> B	56, 35, 56
Decimal	3679032
CIE Lab	17.12, 14.28, -9.57
CIE LCh	17, 17.192, 326.167
Yxy	2.3283, 0.3164, 0.2501
Android (android.graphics.Color)	4281869112 (0xFF382338)
YUV	43.6730, 6.0772, 10.8108
Hunter-Lab	15.2589, 7.7563, -4.9993

# Details

The Hex color **382338** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **233823**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **675067**, and **00000B** is the 20% darker color. If you saturate the color by 10%, you get **381D38**, and if you desaturate by 10%, it is **382938**.

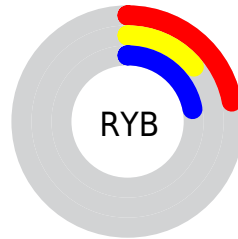
# Distribution



Red (22%)

Green (14%)

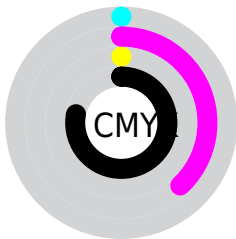
Blue (22%)



Red (22%)

Yellow (14%)

Blue (22%)

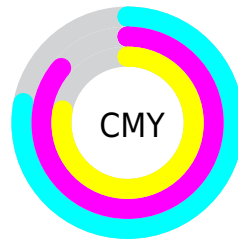


Cyan (0%)

Magenta (38%)

Yellow (0%)

Black (78%)



Cyan (78%)

Magenta (86%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 382338 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 382338 by changing the saturation by 10% instead.





382338



382338

FFFFFF



220E23



675067



00000B



816880



000000



9B819A



B69BB5



D1B6D0



EED2ED



FFEEFF



382338



382338

■ 381D38

■ 382938

■ 381838

■ 382E38

■ 381238

■ 383438

■ 380D38

■ 383938

■ 380738

■ 383F38

■ 380138

■ 384538

■ 380038

■ 384A38

■ 385038

■ 385538

# Harmonies

## Analogous

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



292840



382338



40202C

# Triad

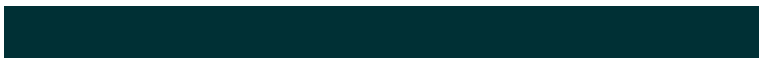
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



382338



332911



003035

# Complementary

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



382338



233823

# 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.



043028



382338



272D13

# Square

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



382338



3D2516



182F1C



002F3E

# Rectangle

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



382338



422024



182F1C



003131



# Sweetspot

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



382338



4A424A



232338



262126



A6A6A6



262626



# Same Dimension

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



382338



4A294A



38232E



1C191C



5C005C



DB00DB



# Inverse Universe

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



382338



4A294A



23382E



1C191C



5C005C



DB00DB



# Previews

## White Background



This preview shows how the Hex color 382338 looks on a white background.

## Color Contrast Check

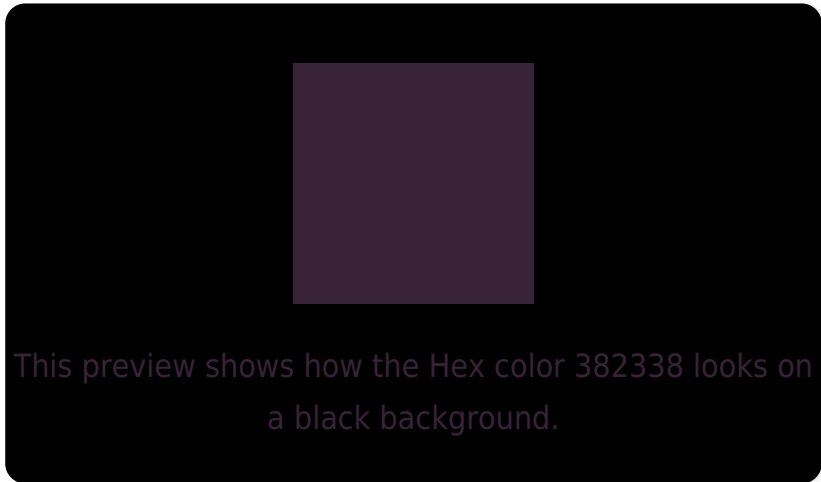
Large Text (above 18pt) WCAG AA ✓ Pass

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

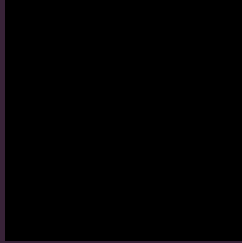
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 382338 Background



This preview shows how black text looks on a background with the Hex color 382338.



This preview shows how white text looks on a background with the Hex color 382338.

# 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



**Original Color**  
382338

**Protanopia**  
242A3D

**Deuteranopia**  
282A37



**Tritanopia**  
362629

# Trichromacy



**Original Color**

382338

**Protanomaly**

2B273B

**Deuteranomaly**

2E2737

**Tritanomaly**

37252E

# Monochromacy



**Original Color**

382338

**Achromatopsia**

2C2C2C

**Achromatomaly**

302930

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 382338 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 #382338 looks like.

```
.text, #text, p{  
    color:#382338  
}
```

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 #382338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #382338
}
```

## Border

The CSS property to change the border of an element to Hex 382338 is called "border". The border property can be set on classes, ids or directly on the HTML element.

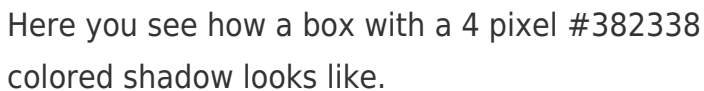
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#382338 }
```

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

```
.border{ border-color:#382338 }
```

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



Here you see how a box with a 4 pixel #382338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #382338; -webkit-box-shadow:4px 4px  
4px 4px #382338; box-shadow:4px 4px 4px  
4px #382338 }
```

# Background

The CSS property to change the background color of an element to Hex 382338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#382338 }
```

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

```
.background{ background-color:#382338 }
```

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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