

# Converting Colors

Hex(383F00)

Have a look what the booklet for  
Hex(383F00) contains.

<b>Hex(383F00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(383F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	383F00
RGB	56, 63, 0
RGB Percent	22%, 25%, 0%
CMY	0.7804, 0.7529, 1.0000
CMYK	0.11, 0.00, 1.00, 0.75
HSL	67°, 100%, 12%
HSV	67°, 100%, 25%
XYZ	3.4084, 4.3958, 0.6688
YIQ	53.7250, 16.0510, -21.0770

# Conversions

## Conversions Part 2

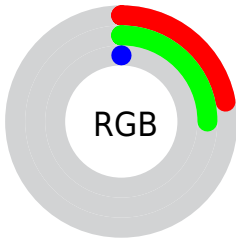
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 63, 7
Decimal	3686144
CIELab	24.94, -11.58, 33.43
CIELCh	25, 35.380, 109.103
Yxy	4.3958, 0.4023, 0.5188
Android (android.graphics.Color)	4281876224 (0xFF383F00)
YUV	53.7250, -26.4864, 1.9952
Hunter-Lab	20.9661, -7.6724, 12.7849

# Details

The Hex color **383F00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **07003F**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **696E30**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **383F00**, and if you desaturate by 10%, it is **393F06**.

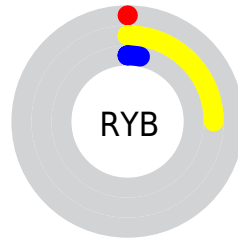
# Distribution



Red (22%)

Green (25%)

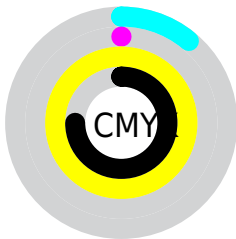
Blue (0%)



Red (0%)

Yellow (25%)

Blue (3%)

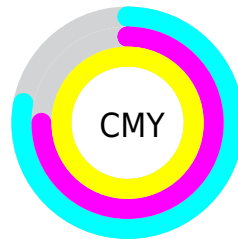


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (78%)

Magenta (75%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 383F00 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 383F00 by changing the saturation by 10% instead.



 383F00

 383F00

 FFFFE7

 212900

 696E30

 001600

 838848

 000000

 9EA261

 BABD7A

 D6D994

 F2F5AF

 FFFFCB

 383F00

■ 393F06

■ 393F0D

■ 3A3F13

■ 3B3F19

■ 3C3F20

■ 3C3F26

■ 3D3F2C

■ 3E3F32

■ 3E3F39

# Harmonies

## Analogous

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



503600



383F00



164416

# Triad

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



383F00



004663



662246

# Complementary

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



383F00



07003F

# 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.



512C5E



383F00



004170

# Square

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



383F00



00484C



27386E



6B212B

# Rectangle

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



383F00



004627



27386E



61244F



# Sweetspot

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



383F00



4F5239



3F0600



27291A



A8A8A8



292929



# Same Dimension

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



383F00



495200



193F00



1E1F1C



545E00



C5DE00



# Inverse Universe

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



07003F



090052



26003F



1C1C1F



0A005E



1900DE



# Previews

## White Background



This preview shows how the Hex color 383F00 looks on a white background.

## Color Contrast Check

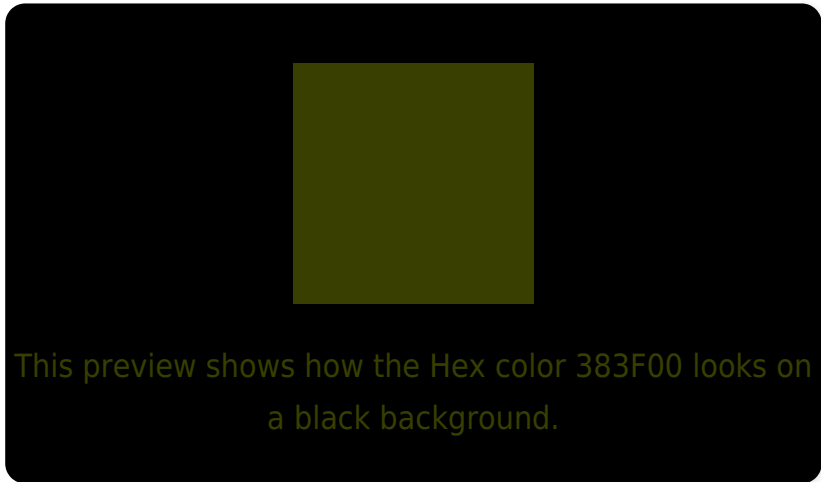
Large Text (above 18pt) WCAG AA ✓ Pass

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

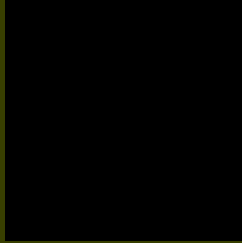
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 383F00 Background



This preview shows how black text looks on a background with the Hex color 383F00.



This preview shows how white text looks on a background with the Hex color 383F00.

# 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**  
383F00

**Protanopia**  
433C00

**Deuteranopia**  
4B380B



**Tritanopia**  
3D3B3F

# Trichromacy



**Original Color**  
383F00

**Protanomaly**  
3F3D00

**Deuteranomaly**  
443B07

**Tritanomaly**  
3B3C28

# Monochromacy



**Original Color**  
383F00

**Achromatopsia**  
363636

**Achromatomaly**  
373922

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 383F00 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 #383F00 looks like.

```
.text, #text, p{  
    color:#383F00  
}
```

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 #383F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383F00  
}
```

## Border

The CSS property to change the border of an element to Hex 383F00 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  
#383F00 }
```

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

```
.border{ border-color:#383F00 }
```

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

Here you see how a box with a 4 pixel #383F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383F00; -webkit-box-shadow:4px 4px  
4px 4px #383F00; box-shadow:4px 4px 4px  
4px #383F00 }
```

# Background

The CSS property to change the background color of an element to Hex 383F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383F00 }
```

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

```
.background{ background-color:#383F00 }
```

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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