

# Converting Colors

Hex(385873)

Have a look what the booklet for  
Hex(385873) contains.

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# Color

**Hex(385873)**

# Conversions

## Conversions Part 1

Format	Color
Hex	385873
RGB	56, 88, 115
RGB Percent	22%, 35%, 45%
CMY	0.7804, 0.6549, 0.5490
CMYK	0.51, 0.23, 0.00, 0.55
HSL	207°, 35%, 34%
HSV	207°, 51%, 45%
XYZ	8.2151, 9.0580, 17.5350
YIQ	81.5100, -27.7390, 1.6130

# Conversions

## Conversions Part 2

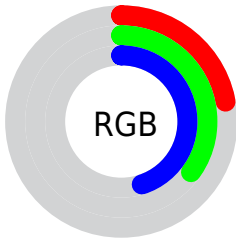
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 77, 115
Decimal	3692659
CIELab	36.10, -3.48, -18.99
CIElCh	36, 19.309, 259.613
Yxy	9.0580, 0.2360, 0.2602
Android (android.graphics.Color)	4281882739 (0xFF385873)
YUV	81.5100, 16.5106, -22.3723
Hunter-Lab	30.0965, -3.9457, -13.4764




# Details

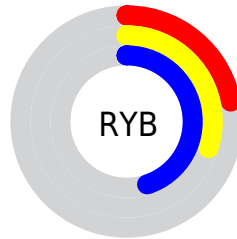
The Hex color **385873** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **735338**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **6B8AA7**, and **002B43** is the 20% darker color. If you saturate the color by 10%, you get **2D5373**, and if you desaturate by 10%, it is **445D73**.

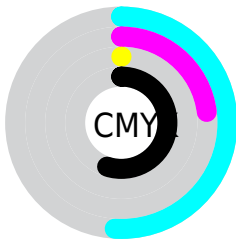
# Distribution







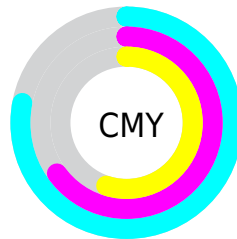
-  Red (22%)
-  Green (35%)
-  Blue (45%)






-  Red (22%)
-  Yellow (30%)
-  Blue (45%)



-  Cyan (51%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (78%)
-  Magenta (65%)
-  Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 385873 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 385873 by changing the saturation by 10% instead.



■ 385873

■ 385873

FFFFFF

■ 1E415A

■ 6B8AA7

■ 002B43

■ 85A4C2

■ 00172C

■ A0BFDE

■ 000118

■ BBDBFB

■ 000000

■ D8F7FF

■ F4FFFF

■ 385873

■ 385873

■ 2D5373

■ 445D73

■ 214D73

■ 4F6373

■ 154873

■ 5A6873

■ 0A4373

■ 666D73

■ 003E73

■ 727273

■ 7D7873

■ 897D73

■ 948273

■ A08773

# Harmonies

## Analogous

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



255C6C



385873



4F5372

# Triad

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



385873



744A4B



445B40

# Complementary

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



385873



735338

# 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.



555737



385873



6F4D3E

# Square

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



385873



704A5B



655237



315D4F

# Rectangle

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



385873



5D4F6D



655237



4A5A3D



# Sweetspot

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



385873



808C96



387353



3F464D



CCCCCC



4D4D4D



# Same Dimension

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



385873



396C96



383B73



35383B



00427A



0088FA



# Inverse Universe

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



733858



96396C



737038



3B3538



7A0042

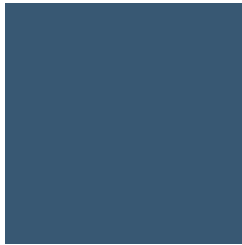


FA0088



# Previews

## White Background



This preview shows how the Hex color 385873 looks on a white background.

## Color Contrast Check

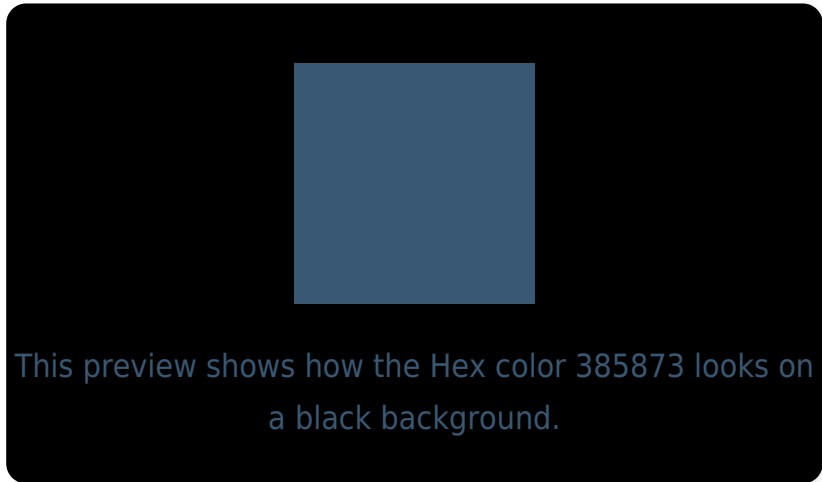
Large Text (above 18pt) WCAG AA ✓ Pass

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

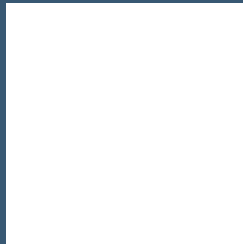
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 385873 Background



This preview shows how black text looks on a background with the Hex color 385873.

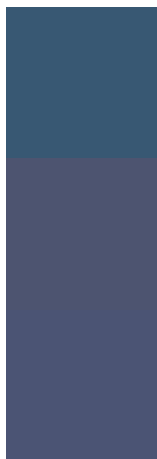


This preview shows how white text looks on a background with the Hex color 385873.

# 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**  
385873

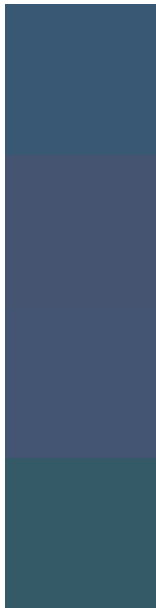
**Protanopia**  
4D5470

**Deuteranopia**  
4B5474



**Tritanopia**  
325B62

# Trichromacy



**Original Color**  
385873

**Protanomaly**  
455571

**Deuteranomaly**  
445574

**Tritanomaly**  
345A68

# Monochromacy



**Original Color**  
385873

**Achromatopsia**  
525252

**Achromatomaly**  
49545E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 385873 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 #385873 looks like.

```
.text, #text, p{  
    color:#385873  
}
```

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 #385873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #385873
}
```

## Border

The CSS property to change the border of an element to Hex 385873 is called "border". The border property can be set on classes, ids or directly on the HTML element.

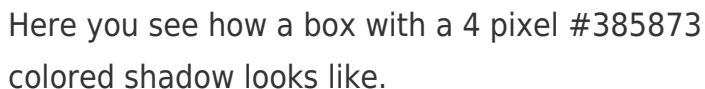
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#385873 }
```

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

```
.border{ border-color:#385873 }
```

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



Here you see how a box with a 4 pixel #385873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #385873; -webkit-box-shadow:4px 4px  
4px 4px #385873; box-shadow:4px 4px 4px  
4px #385873 }
```

# Background

The CSS property to change the background color of an element to Hex 385873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#385873 }
```

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

```
.background{ background-color:#385873 }
```

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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