

# Converting Colors

Hex(43386A)

Have a look what the booklet for  
Hex(43386A) contains.

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# Color

**Hex(43386A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43386A
RGB	67, 56, 106
RGB Percent	26%, 22%, 42%
CMY	0.7373, 0.7804, 0.5843
CMYK	0.37, 0.47, 0.00, 0.58
HSL	253°, 31%, 32%
HSV	253°, 47%, 42%
XYZ	6.3304, 5.0622, 14.2791
YIQ	64.9890, -9.4940, 17.8820

# Conversions

## Conversions Part 2

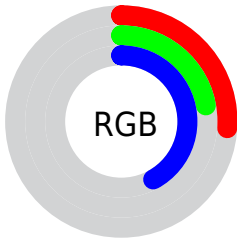
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	67, 56, 106
Decimal	4405354
CIE <sub>Lab</sub>	26.91, 17.71, -27.63
CIE <sub>LCh</sub>	27, 32.817, 302.666
Yxy	5.0622, 0.2466, 0.1972
Android (android.graphics.Color)	4282595434 (0xFF43386A)
YUV	64.9890, 20.2184, 1.7636
Hunter-Lab	22.4994, 10.8487, -21.8784

# Details

The Hex color **43386A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5F6A38**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **75679E**, and **130E3A** is the 20% darker color. If you saturate the color by 10%, you get **3B2D6A**, and if you desaturate by 10%, it is **4B436A**.

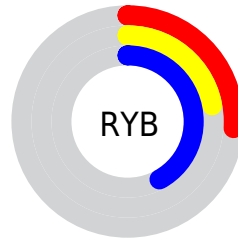
# Distribution



Red (26%)

Green (22%)

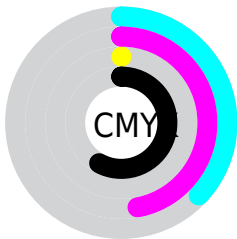
Blue (42%)



Red (26%)

Yellow (22%)

Blue (42%)

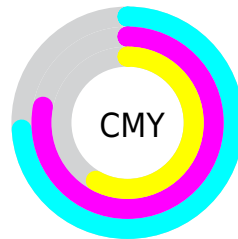


Cyan (37%)

Magenta (47%)

Yellow (0%)

Black (58%)



Cyan (74%)

Magenta (78%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43386A 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 43386A by changing the saturation by 10% instead.



■ 43386A

■ 43386A

FFFFFF

■ 2B2252

■ 75679E

■ 130E3A

■ 8F80B9

■ 000024

■ AA9AD5

■ 00000C

■ C6B5F1

■ 000000

■ E2D1FF

■ FFEDFF

■ 43386A

■ 43386A

■ 3B2D6A

■ 4B436A

■ 32236A

■ 544D6A

■ 2A186A

■ 5C586A

■ 220E6A

■ 64626A

■ 1A036A

■ 6C6D6A

■ 17006A

■ 75786A

■ 7D826A

■ 858D6A

■ 8D976A

# Harmonies

## Analogous

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



004272



43386A



602D57

# Triad

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



43386A



5F3612



004C41

# Complementary

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



43386A



5F6A38

# 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.



054A27



43386A



4B3F08

# Square

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



43386A



6B2C26



314612



004B5A

# Rectangle

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



43386A



6A2947



314612



004B38



# Sweetspot

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



43386A



7B768A



385F6A



3C3945



C4C4C4



454545



# Same Dimension

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



43386A



4C3B8A



5C386A



313036



1A0075



3600F5



# Inverse Universe

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



6A385F



8A3B78



466A38



363034



75005B



F500BF



# Previews

## White Background



This preview shows how the Hex color 43386A looks on a white background.

## Color Contrast Check

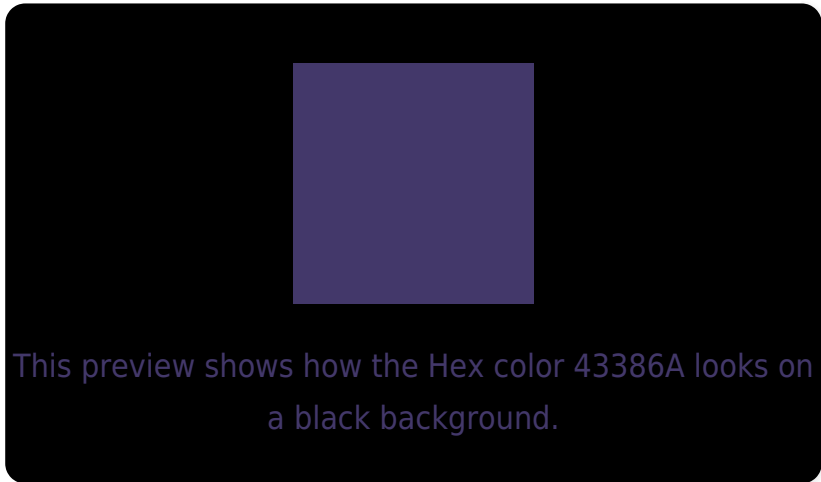
Large Text (above 18pt) WCAG AA ✓ Pass

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

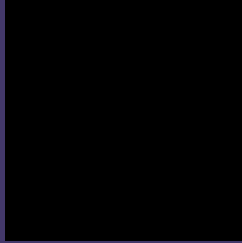
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 43386A Background



This preview shows how black text looks on a background with the Hex color 43386A.



This preview shows how white text looks on a background with the Hex color 43386A.

# 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**  
43386A

**Protanopia**  
293E70

**Deuteranopia**  
264068



**Tritanopia**  
3B4046

# Trichromacy



**Original Color**  
43386A

**Protanomaly**  
323C6E

**Deuteranomaly**  
313D69

**Tritanomaly**  
3E3D53

# Monochromacy



**Original Color**  
43386A

**Achromatopsia**  
414141

**Achromatomaly**  
423E50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43386A 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 #43386A looks like.

```
.text, #text, p{  
    color:#43386A  
}
```

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 #43386A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43386A
}
```

## Border

The CSS property to change the border of an element to Hex 43386A is called "border". The border property can be set on classes, ids or directly on the HTML element.

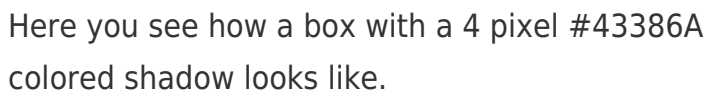
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#43386A }
```

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

```
.border{ border-color:#43386A }
```

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



Here you see how a box with a 4 pixel #43386A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43386A; -webkit-box-shadow:4px 4px  
4px 4px #43386A; box-shadow:4px 4px 4px  
4px #43386A }
```

# Background

The CSS property to change the background color of an element to Hex 43386A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43386A }
```

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

```
.background{ background-color:#43386A }
```

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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