

# Converting Colors

Hex(403260)

Have a look what the booklet for  
Hex(403260) contains.

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# Color

**Hex(403260)**

# Conversions

Conversions Part 1	
Format	Color
Hex	403260
RGB	64, 50, 96
RGB Percent	25%, 20%, 38%
CMY	0.7490, 0.8039, 0.6235
CMYK	0.33, 0.48, 0.00, 0.62
HSL	258°, 32%, 29%
HSV	258°, 48%, 38%
XYZ	5.3663, 4.2157, 11.5972
YIQ	59.4300, -6.4220, 17.2740

# Conversions

## Conversions Part 2

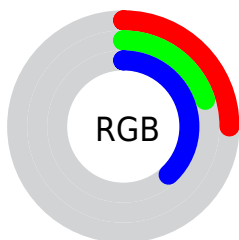
Format	Color
<a href="#">RYB</a>	<a href="#">64, 50, 96</a>
Decimal	<a href="#">4207200</a>
CIELab	<a href="#">24.37, 17.80, -25.20</a>
CIELCh	<a href="#">24, 30.848, 305.233</a>
Yxy	<a href="#">4.2157, 0.2534, 0.1990</a>
Android (android.graphics.Color)	<a href="#">4282397280</a> (0xFF403260)
YUV	<a href="#">59.4300, 18.0290, 4.0079</a>
Hunter-Lab	<a href="#">20.5322, 10.7211, -19.1162</a>

# Details

The Hex color **403260** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **526032**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **716193**, and **130531** is the 20% darker color. If you saturate the color by 10%, you get **392860**, and if you desaturate by 10%, it is **473C60**.

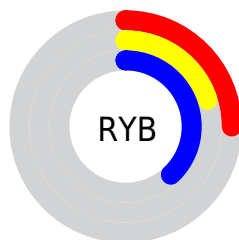
# Distribution



Red (25%)

Green (20%)

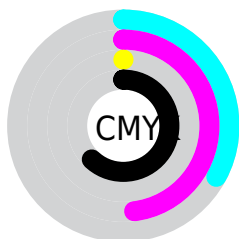
Blue (38%)



Red (25%)

Yellow (20%)

Blue (38%)

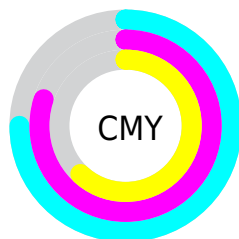


Cyan (33%)

Magenta (48%)

Yellow (0%)

Black (62%)



Cyan (75%)

Magenta (80%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 403260 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 403260 by changing the saturation by 10% instead.




 403260

 403260

FFFFFF

 291D48

 716193

 130531

 8B79AE

 00011C

 A693C9

 000000

 C1AEE5

 DEC9FF

 FAE5FF

 403260

 403260

 392860

 473C60

 331F60

 4D4560

 2C1560

 544F60

 250C60

 5B5860

 1F0260

 616260

 1D0060

 686C60

 6F7560

 757F60

 7C8860

# Harmonies

## Analogous

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



0A3B68



403260



59284E

# Triad

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



403260



55320E



00453D

# Complementary

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



403260



526032

# 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.



004425



403260



423A06

# Square

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



403260



612820



2A4011



004454

# Rectangle

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



403260



62243F



2A4011



004535



# Sweetspot

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



403260



716B7D



325260



383540



BFBFBF



404040



# Same Dimension

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



403260



4B347D



573260



2D2C30



220070



4900F0



# Inverse Universe

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



603252



7D3467



3B6032



302C2F



70004E



F000A7



# Previews

## White Background



This preview shows how the Hex color 403260 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



This preview shows how the Hex color 403260 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

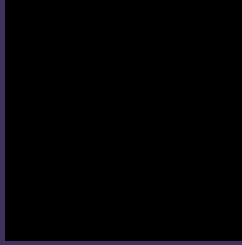
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 403260 Background



This preview shows how black text looks on a background with the Hex color 403260.



This preview shows how white text looks on a background with the Hex color 403260.

# 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**  
403260

**Protanopia**  
253966





**Deuteranopia**  
243A5E






# Tritanopia

## 393A3E

# Trichromacy

	<b>Original Color</b> 403260
	<b>Protanomaly</b> 2F3664
	<b>Deuteranomaly</b> 2E375F
	<b>Tritanomaly</b> 3C374A

# Monochromacy

	<b>Original Color</b> 403260
	<b>Achromatopsia</b> 3B3B3B
	<b>Achromatomaly</b> 3D3848

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 403260 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 #403260 looks like.

```
.text, #text, p{  
    color:#403260  
}
```

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 #403260 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403260
}
```

## Border

The CSS property to change the border of an element to Hex 403260 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
#403260 }
```

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

```
.border{ border-color:#403260 }
```

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

Here you see how a box with a 4 pixel #403260 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403260; -webkit-box-shadow:4px 4px  
4px 4px #403260; box-shadow:4px 4px 4px  
4px #403260 }
```

# Background

The CSS property to change the background color of an element to Hex 403260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403260 }
```

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

```
.background{ background-color:#403260 }
```

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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