

# Converting Colors

Hex(6A396B)

Have a look what the booklet for  
Hex(6A396B) contains.

<b>Hex(6A396B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6A396B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A396B
RGB	106, 57, 107
RGB Percent	42%, 22%, 42%
CMY	0.5843, 0.7765, 0.5804
CMYK	0.01, 0.47, 0.00, 0.58
HSL	299°, 30%, 32%
HSV	299°, 47%, 42%
XYZ	10.0608, 7.0520, 14.7408
YIQ	77.3510, 13.1540, 25.9380

# Conversions

## Conversions Part 2

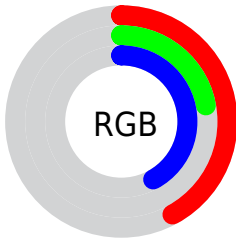
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 57, 107
Decimal	6961515
CIE <sub>Lab</sub>	31.92, 29.95, -20.07
CIE <sub>LCh</sub>	32, 36.049, 326.176
Yxy	7.0520, 0.3158, 0.2214
Android (android.graphics.Color)	4285151595 (0xFF6A396B)
YUV	77.3510, 14.6170, 25.1252
Hunter-Lab	26.5555, 21.1543, -14.3227

# Details

The Hex color **6A396B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A6B39**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **9F6A9F**, and **390A3B** is the 20% darker color. If you saturate the color by 10%, you get **6A2E6B**, and if you desaturate by 10%, it is **6A446B**.

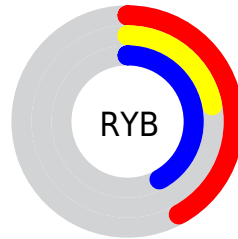
# Distribution



Red (42%)

Green (22%)

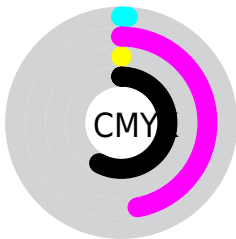
Blue (42%)



Red (42%)

Yellow (22%)

Blue (42%)

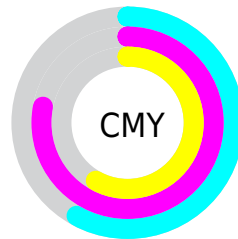


Cyan (1%)

Magenta (47%)

Yellow (0%)

Black (58%)



Cyan (58%)

Magenta (78%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A396B 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 6A396B by changing the saturation by 10% instead.





6A396B



6A396B

FFFFFF



512253



9F6A9F



390A3B



BA83BA



250026



D69ED5



00010E



F3B9F2



000000



FFD5FF



FFF2FF



6A396B



6A396B



6A2E6B



6A446B

6A246B

6A4E6B

69196B

6B596B

690E6B

6B646B

69036B

6B6E6B

69006B

6B796B

6B846B

6C8F6B

6C996B

# Harmonies

## Analogous

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



45457E



6A396B



7C3150

# Triad

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



6A396B



5D480D



005863

# Complementary

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



6A396B



3A6B39

# 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.



005846



6A396B



425114

# Square

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



6A396B



723D1C



1B562A



00567A

# Rectangle

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



6A396B



7F313D



1B562A



00595A



# Sweetspot

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



6A396B



8C798C



393B6B



473B47



C7C7C7



474747



# Same Dimension

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



6A396B



8B3E8C



6B3954



353036



730075



F000F5



# Inverse Universe

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



6B393A



8C3E3F



396B50



363030



750002

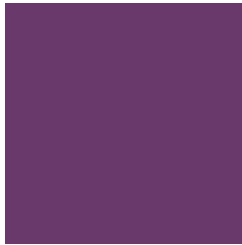


F50005



# Previews

## White Background



This preview shows how the Hex color 6A396B looks on a white background.

## Color Contrast Check

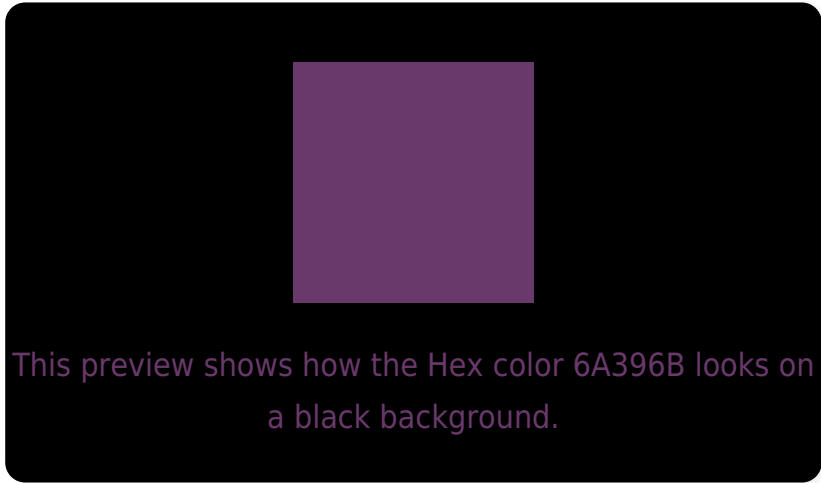
Large Text (above 18pt) WCAG AA ✓ Pass

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

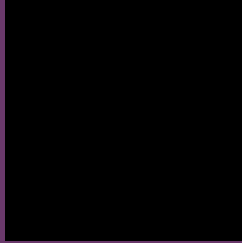
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A396B Background



This preview shows how black text looks on a background with the Hex color 6A396B.



This preview shows how white text looks on a background with the Hex color 6A396B.

# 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**  
6A396B

**Protanopia**  
394A79

**Deuteranopia**  
434B68



**Tritanopia**  
654246

# Trichromacy



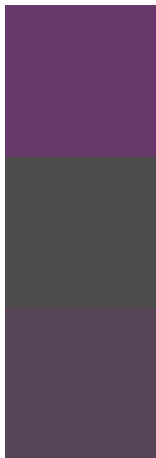
**Original Color**  
6A396B

**Protanomaly**  
4B4474

**Deuteranomaly**  
514469

**Tritanomaly**  
673F53

# Monochromacy



**Original Color**  
6A396B

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
584658

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A396B 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 #6A396B looks like.

```
.text, #text, p{  
    color:#6A396B  
}
```

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 #6A396B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A396B
}
```

## Border

The CSS property to change the border of an element to Hex 6A396B is called "border". The border property can be set on classes, ids or directly on the HTML element.

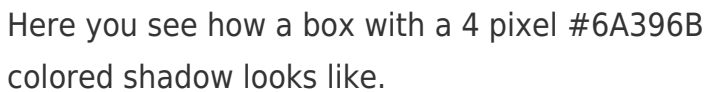
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A396B }
```

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

```
.border{ border-color:#6A396B }
```

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



Here you see how a box with a 4 pixel #6A396B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A396B; -webkit-box-shadow:4px 4px  
4px 4px #6A396B; box-shadow:4px 4px 4px  
4px #6A396B }
```

# Background

The CSS property to change the background color of an element to Hex 6A396B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A396B }
```

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

```
.background{ background-color:#6A396B }
```

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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