

# Converting Colors

Hex(65396C)

Have a look what the booklet for  
Hex(65396C) contains.

<b>Hex(65396C)</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(65396C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65396C
RGB	101, 57, 108
RGB Percent	40%, 22%, 42%
CMY	0.6039, 0.7765, 0.5765
CMYK	0.06, 0.47, 0.00, 0.58
HSL	292°, 31%, 32%
HSV	292°, 47%, 42%
XYZ	9.5367, 6.7757, 14.9926
YIQ	75.9700, 9.8530, 25.1890

# Conversions

## Conversions Part 2

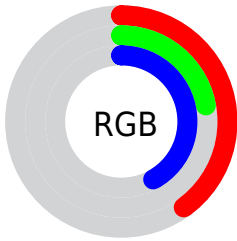
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 57, 108
Decimal	6633836
CIE <sub>Lab</sub>	31.29, 28.50, -21.74
CIE <sub>LCh</sub>	31, 35.846, 322.663
Yxy	6.7757, 0.3046, 0.2164
Android (android.graphics.Color)	4284823916 (0xFF65396C)
YUV	75.9700, 15.7908, 21.9513
Hunter-Lab	26.0301, 19.8449, -15.9282

# Details

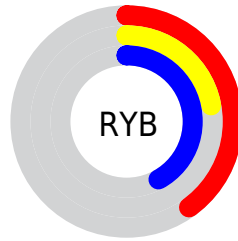
The Hex color **65396C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **406C39**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **996AA0**, and **340B3C** is the 20% darker color. If you saturate the color by 10%, you get **642E6C**, and if you desaturate by 10%, it is **66446C**.

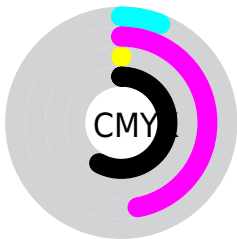
# Distribution



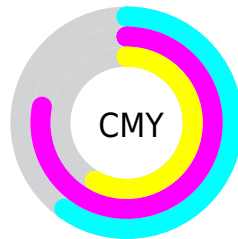
- Red (40%)
- Green (22%)
- Blue (42%)



- Red (40%)
- Yellow (22%)
- Blue (42%)



- Cyan (6%)
- Magenta (47%)
- Yellow (0%)
- Black (58%)



- Cyan (60%)
- Magenta (78%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65396C 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 65396C by changing the saturation by 10% instead.





65396C



65396C

FFFFFF



4C2254



996AA0



340B3C



B483BB



210027



D09ED7



00010F



EDB9F3



000000



FFD5FF



FFF1FF



65396C



65396C



642E6C



66446C

62236C

684F6C

61196C

69596C

5F0E6C

6B646C

5E036C

6C6F6C

5D006C

6E7A6C

6F856C

718F6C

729A6C

# Harmonies

## Analogous

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



3E457E



65396C



793052

# Triad

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



65396C



5E460D



00575E

# Complementary

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



65396C



406C39

# 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.



005742



65396C



444F11

# Square

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



65396C



723B1D



205426



005576

# Rectangle

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



65396C



7D303F



205426



005755



# Sweetspot

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



65396C



8A798C



39416C



463B47



C7C7C7



474747



# Same Dimension

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



65396C



813C8C



6C395A



353036



650075



D300F5



# Inverse Universe

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



6C3940



8C3C47



396C4B



363031



750010

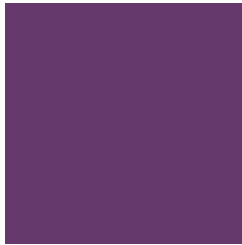


F50022



# Previews

## White Background



This preview shows how the Hex color 65396C looks on a white background.

## Color Contrast Check

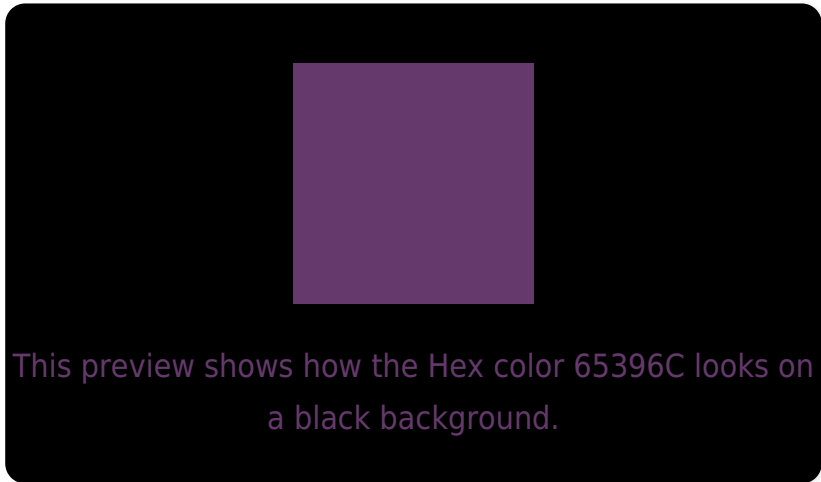
Large Text (above 18pt) WCAG AA ✓ Pass

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

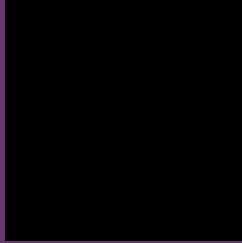
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 65396C Background



This preview shows how black text looks on a background with the Hex color 65396C.



This preview shows how white text looks on a background with the Hex color 65396C.

# 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**  
65396C

**Protanopia**  
374979

**Deuteranopia**  
3F4969



**Tritanopia**  
604247

# Trichromacy



**Original Color**  
65396C

**Protanomaly**  
484374

**Deuteranomaly**  
4D436A

**Tritanomaly**  
623F54

# Monochromacy



**Original Color**  
65396C

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
554558

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65396C 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 #65396C looks like.

```
.text, #text, p{  
    color:#65396C  
}
```

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 #65396C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65396C
}
```

## Border

The CSS property to change the border of an element to Hex 65396C is called "border". The border property can be set on classes, ids or directly on the HTML element.

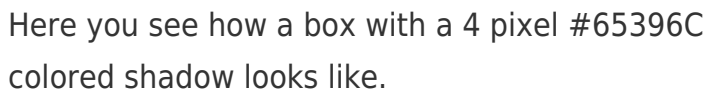
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65396C }
```

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

```
.border{ border-color:#65396C }
```

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



Here you see how a box with a 4 pixel #65396C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65396C; -webkit-box-shadow:4px 4px  
4px 4px #65396C; box-shadow:4px 4px 4px  
4px #65396C }
```

# Background

The CSS property to change the background color of an element to Hex 65396C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65396C }
```

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

```
.background{ background-color:#65396C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor