

# Converting Colors

Hex(64206F)

Have a look what the booklet for  
Hex(64206F) contains.

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# Color

**Hex(64206F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64206F
RGB	100, 32, 111
RGB Percent	39%, 13%, 44%
CMY	0.6078, 0.8745, 0.5647
CMYK	0.10, 0.71, 0.00, 0.56
HSL	292°, 55%, 28%
HSV	292°, 71%, 44%
XYZ	8.6413, 4.8900, 15.5274
YIQ	61.3380, 15.1690, 38.9850

# Conversions

## Conversions Part 2

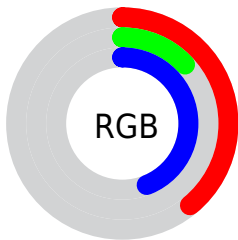
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 32, 111
Decimal	6561903
CIE <sub>Lab</sub>	26.42, 41.99, -31.35
CIE <sub>LCh</sub>	26, 52.402, 323.249
Yxy	4.8900, 0.2974, 0.1683
Android (android.graphics.Color)	4284751983 (0xFF64206F)
YUV	61.3380, 24.4834, 33.9066
Hunter-Lab	22.1134, 31.0540, -26.1521

# Details

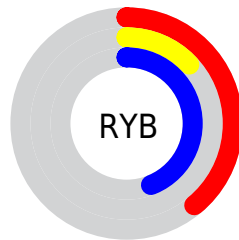
The Hex color **64206F** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2B6F20**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9953A3**, and **32003F** is the 20% darker color. If you saturate the color by 10%, you get **62156F**, and if you desaturate by 10%, it is **662B6F**.

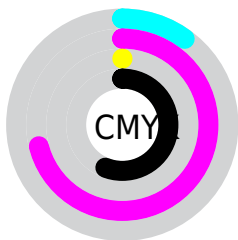
# Distribution



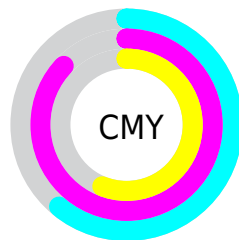
- Red (39%)
- Green (13%)
- Blue (44%)



- Red (39%)
- Yellow (13%)
- Blue (44%)



- Cyan (10%)
- Magenta (71%)
- Yellow (0%)
- Black (56%)



- Cyan (61%)
- Magenta (87%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64206F 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 64206F by changing the saturation by 10% instead.





64206F



64206F

FFFFFF



4A0256



9953A3



32003F



B56CBE



1B0028



D187DA



000112



EEA1F7



000000



FFBDFF



FFD9FF



FFF6FF



64206F



64206F

62156F

662B6F

610A6F

67366F

60006F

69416F

6A4C6F

6C586F

6D636F

6F6E6F

70796F

72846F

# Harmonies

## Analogous

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



1C3889



64206F



7E0049

# Triad

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



64206F



553A00



004F5D

# Complementary

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



64206F



2B6F20

# 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.



004E34



64206F



304500

# Square

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



64206F



712600



004C06



004D7F

# Rectangle

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



64206F



82002F



004C06



004F50



# Sweetspot

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



64206F



8D7391



202C6F



47374A



C9C9C9



4A4A4A



# Same Dimension

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



64206F



801691



6F2053



373238



670078



D500F7



# Inverse Universe

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



6F202B



911627



206F3C



383233



780011



F70022



# Previews

## White Background



This preview shows how the Hex color 64206F looks on a white background.

## Color Contrast Check

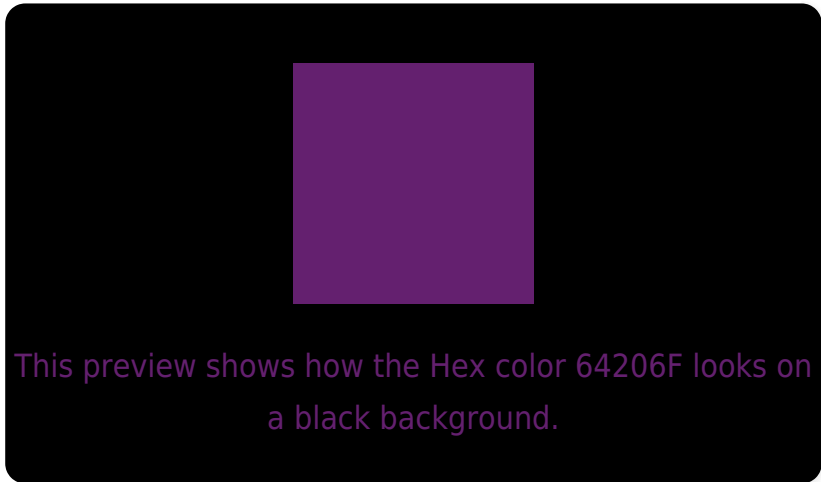
Large Text (above 18pt) WCAG AA ✓ Pass

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

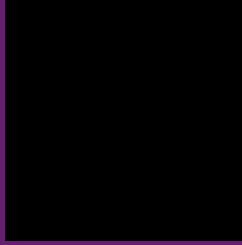
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 64206F Background



This preview shows how black text looks on a background with the Hex color 64206F.



This preview shows how white text looks on a background with the Hex color 64206F.

# 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**  
64206F

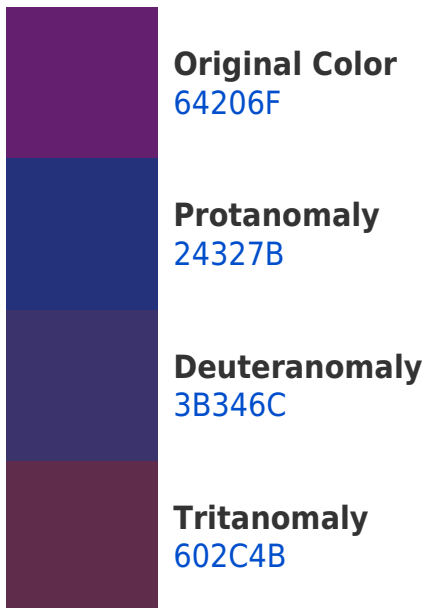
**Protanopia**  
003D82

**Deuteranopia**  
24406A

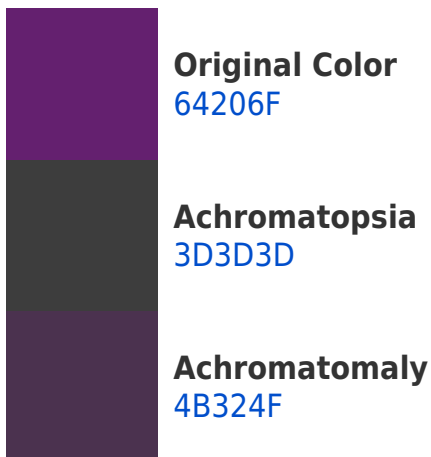


**Tritanopia**  
5D3337

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64206F 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 #64206F looks like.

```
.text, #text, p{  
    color:#64206F  
}
```

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 #64206F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64206F
}
```

## Border

The CSS property to change the border of an element to Hex 64206F is called "border". The border property can be set on classes, ids or directly on the HTML element.

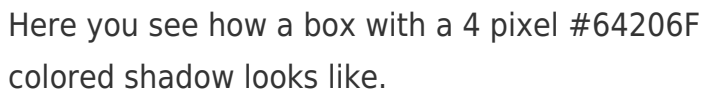
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64206F }
```

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

```
.border{ border-color:#64206F }
```

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



Here you see how a box with a 4 pixel #64206F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64206F; -webkit-box-shadow:4px 4px  
4px 4px #64206F; box-shadow:4px 4px 4px  
4px #64206F }
```

# Background

The CSS property to change the background color of an element to Hex 64206F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64206F }
```

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

```
.background{ background-color:#64206F }
```

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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