

# Converting Colors

Hex(64163F)

Have a look what the booklet for  
Hex(64163F) contains.

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**Color**

**Hex(64163F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64163F
RGB	100, 22, 63
RGB Percent	39%, 9%, 25%
CMY	0.6078, 0.9137, 0.7529
CMYK	0.00, 0.78, 0.37, 0.61
HSL	328°, 64%, 24%
HSV	328°, 78%, 39%
XYZ	6.4396, 3.6420, 5.0662
YIQ	49.9960, 33.3270, 29.2870

# Conversions

## Conversions Part 2

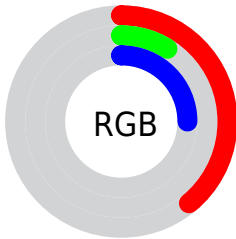
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 22, 63
Decimal	6559295
CIELab	22.45, 38.10, -5.64
CIElCh	22, 38.513, 351.579
Yxy	3.6420, 0.4251, 0.2404
Android (android.graphics.Color)	4284749375 (0xFF64163F)
YUV	49.9960, 6.4110, 43.8535
Hunter-Lab	19.0841, 26.8350, -2.3807

# Details

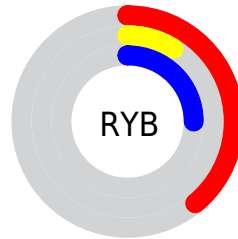
The Hex color **64163F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **16643B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **9A496F**, and **320015** is the 20% darker color. If you saturate the color by 10%, you get **640C3A**, and if you desaturate by 10%, it is **642044**.

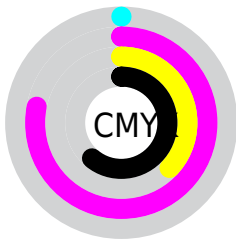
# Distribution



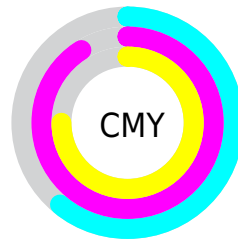
- Red (39%)
- Green (9%)
- Blue (25%)



- Red (39%)
- Yellow (9%)
- Blue (25%)



- Cyan (0%)
- Magenta (78%)
- Yellow (37%)
- Black (61%)



- Cyan (61%)
- Magenta (91%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64163F 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 64163F by changing the saturation by 10% instead.





64163F



64163F

FFFFFF



4A0029



9A496F



320015



B66388



0E0000



D27DA2



000000



F097BD



FFB3D9



FFCFF5



FFEBFF



64163F



64163F

■ 640C3A

■ 642044

■ 640236

■ 642A48

■ 640035

■ 64344D

■ 643E52

■ 644857

■ 64525B

■ 645C60

■ 646665

■ 64706A

# Harmonies

## Analogous

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



50235A



64163F



671723

# Triad

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



64163F



2F3A00



004162

# Complementary

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



64163F



16643B

# 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.



00424A



64163F



013F0E

# Square

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



64163F



4A3100



00422C



003C6F

# Rectangle

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



64163F



622011



00422C



00425B



# Sweetspot

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



64163F



826474



3A1664



423039



C2C2C2



424242



# Same Dimension

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



64163F



820848



641619



332E31



73003C



F2007F



# Inverse Universe

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



64163F



820848



166461



332E31



73003C

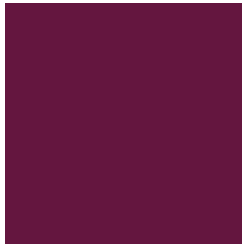


F2007F



# Previews

## White Background



This preview shows how the Hex color 64163F looks on a white background.

## Color Contrast Check

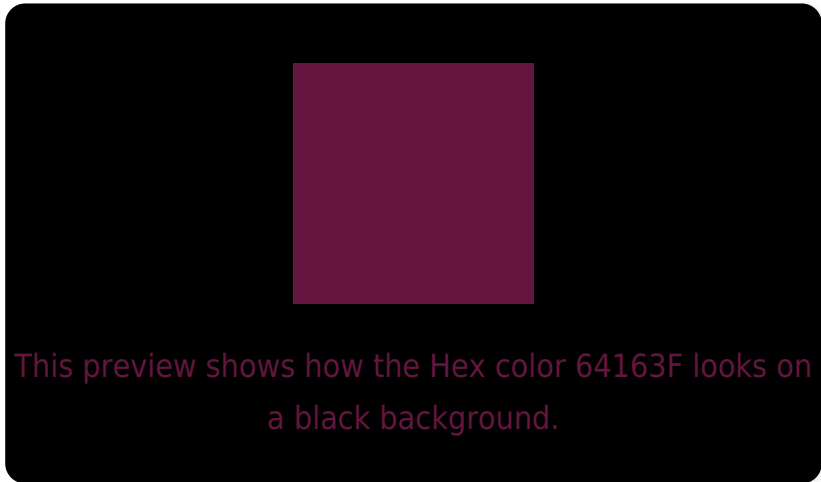
Large Text (above 18pt) WCAG AA ✓ Pass

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 64163F Background



This preview shows how black text looks on a background with the Hex color 64163F.



This preview shows how white text looks on a background with the Hex color 64163F.

# 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**  
64163F

**Protanopia**  
2D3655

**Deuteranopia**  
3B363B



**Tritanopia**  
621F21

# Trichromacy



**Original Color**  
64163F

**Protanomaly**  
412A4D

**Deuteranomaly**  
4A2A3C

**Tritanomaly**  
631C2C

# Monochromacy



**Original Color**  
64163F

**Achromatopsia**  
323232

**Achromatomaly**  
442837

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64163F 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 #64163F looks like.

```
.text, #text, p{  
    color:#64163F  
}
```

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 #64163F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64163F
}
```

## Border

The CSS property to change the border of an element to Hex 64163F is called "border". The border property can be set on classes, ids or directly on the HTML element.

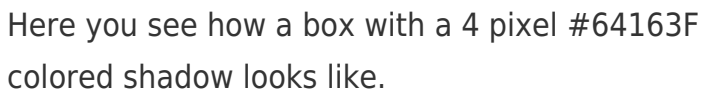
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64163F }
```

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

```
.border{ border-color:#64163F }
```

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



Here you see how a box with a 4 pixel #64163F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64163F; -webkit-box-shadow:4px 4px  
4px 4px #64163F; box-shadow:4px 4px 4px  
4px #64163F }
```

# Background

The CSS property to change the background color of an element to Hex 64163F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64163F }
```

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

```
.background{ background-color:#64163F }
```

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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