

# Converting Colors

Hex(640672)

Have a look what the booklet for  
Hex(640672) contains.

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**Color**

**Hex(640672)**

# Conversions

## Conversions Part 1

Format	Color
Hex	640672
RGB	100, 6, 114
RGB Percent	39%, 2%, 45%
CMY	0.6078, 0.9765, 0.5529
CMYK	0.12, 0.95, 0.00, 0.55
HSL	292°, 90%, 24%
HSV	292°, 95%, 45%
XYZ	8.3579, 4.0545, 16.2617
YIQ	46.4180, 21.3560, 53.5160

# Conversions

## Conversions Part 2

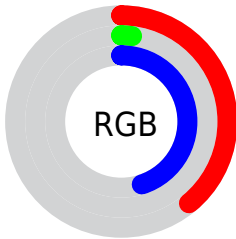
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 6, 114
Decimal	6555250
CIE <sub>Lab</sub>	23.85, 50.57, -37.40
CIE <sub>LCh</sub>	24, 62.902, 323.513
Yxy	4.0545, 0.2915, 0.1414
Android (android.graphics.Color)	4284745330 (0xFF640672)
YUV	46.4180, 33.3179, 46.9914
Hunter-Lab	20.1357, 38.8540, -33.7877




# Details

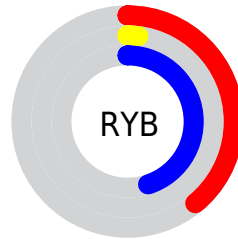
The Hex color **640672** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **147206**, and the grayscale version is **2E2E2E**.




A 20% lighter version of the original color is **9A43A7**, and **310041** is the 20% darker color. If you saturate the color by 10%, you get **630072**, and if you desaturate by 10%, it is **651172**.

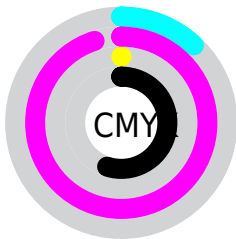
# Distribution







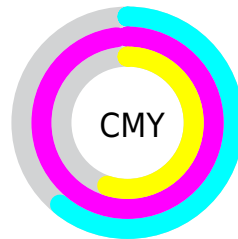
-  Red (39%)
-  Green (2%)
-  Blue (45%)






-  Red (39%)
-  Yellow (2%)
-  Blue (45%)



-  Cyan (12%)
-  Magenta (95%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (61%)
-  Magenta (98%)
-  Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 640672 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 640672 by changing the saturation by 10% instead.





640672



640672

FFFFFF



4A0059



9A43A7



310041



B65EC2



16002A



D378DE



000114



F093FB



000000



FFAFFF



FFCBFF



FFE8FF



640672



640672

■ 630072

■ 651172

■ 671D72

■ 682872

■ 6A3472

■ 6B3F72

■ 6D4A72

■ 6E5672

■ 706172

■ 716D72

# Harmonies

## Analogous

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



003192



640672



820045

# Triad

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



640672



4F3400



004B5E

# Complementary

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



640672



147206

# 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.



004A2D



640672



214100

# Square

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



640672



701700



004700



004A86

# Rectangle

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



640672



860026



004700



004A4E



# Sweetspot

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



640672



8F6A94



061472



47314A



C9C9C9



4A4A4A



# Same Dimension

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



640672



810094



72064A



373238



680078



D700F7



# Inverse Universe

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



720614



940013



06722E



383233



780010

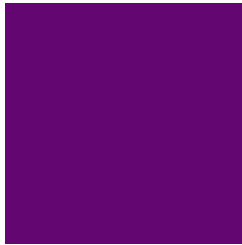


F70020



# Previews

## White Background



This preview shows how the Hex color 640672 looks on a white background.

## Color Contrast Check

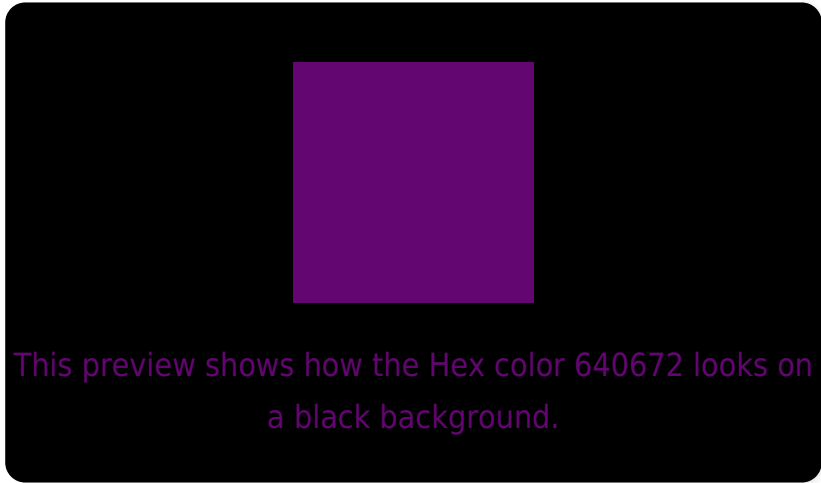
Large Text (above 18pt) WCAG AA ✓ Pass

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

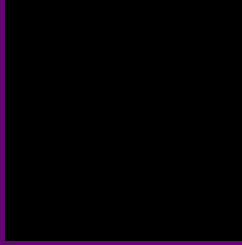
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 640672 Background



This preview shows how black text looks on a background with the Hex color 640672.



This preview shows how white text looks on a background with the Hex color 640672.

# 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**  
640672

**Protanopia**  
003A79

**Deuteranopia**  
083D6B



**Tritanopia**  
5C2D30

# Trichromacy



**Original Color**  
640672

**Protanomaly**  
242776

**Deuteranomaly**  
29296E

**Tritanomaly**  
5F1F48

# Monochromacy



**Original Color**  
640672

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
421F47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 640672 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 #640672 looks like.

```
.text, #text, p{  
    color:#640672  
}
```

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 #640672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640672
}
```

## Border

The CSS property to change the border of an element to Hex 640672 is called "border". The border property can be set on classes, ids or directly on the HTML element.

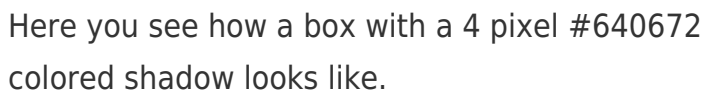
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640672 }
```

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

```
.border{ border-color:#640672 }
```

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



Here you see how a box with a 4 pixel #640672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640672; -webkit-box-shadow:4px 4px  
4px 4px #640672; box-shadow:4px 4px 4px  
4px #640672 }
```

# Background

The CSS property to change the background color of an element to Hex 640672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640672 }
```

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

```
.background{ background-color:#640672 }
```

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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