

Converting Colors

Hex(640075)

Have a look what the booklet for
Hex(640075) contains.

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Color

Hex(640075)

Conversions

Conversions Part 1

Format	Color
Hex	640075
RGB	100, 0, 117
RGB Percent	39%, 0%, 46%
CMY	0.6078, 1.0000, 0.5412
CMYK	0.15, 1.00, 0.00, 0.54
HSL	291°, 100%, 23%
HSV	291°, 100%, 46%
XYZ	8.4664, 3.9937, 17.1542
YIQ	43.2380, 22.0430, 57.5870

Conversions

Conversions Part 2

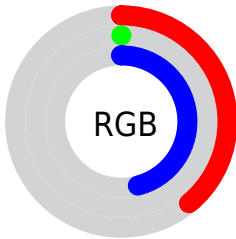
Format	Color
R_{YB}	100, 0, 117
Decimal	6553717
CIE _{Lab}	23.65, 52.39, -39.66
CIE _{LCh}	24, 65.709, 322.878
Yxy	3.9937, 0.2859, 0.1349
Android (android.graphics.Color)	4284743797 (0xFF640075)
YUV	43.2380, 36.3647, 49.7803
Hunter-Lab	19.9842, 40.6502, -36.9051

Details

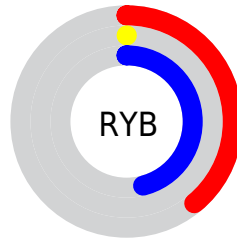
The Hex color **640075** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **117500**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **9A41AA**, and **310044** is the 20% darker color. If you saturate the color by 10%, you get **640075**, and if you desaturate by 10%, it is **660C75**.

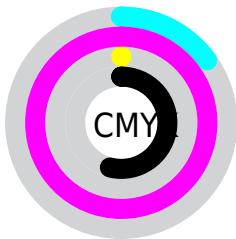
Distribution



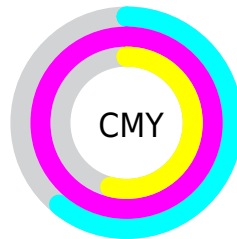
- Red (39%)
- Green (0%)
- Blue (46%)



- Red (39%)
- Yellow (0%)
- Blue (46%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (61%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640075 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 640075 by changing the saturation by 10% instead.


 640075

 640075

FFFFFF

 4A005C

 9A41AA

 310044

 B75CC5

 15002D

 D376E2

 000117

 F091FF

 000000

 FFADFF

 FFC9FF

 FFE6FF

 640075

■ 660C75

■ 671775

■ 692375

■ 6B2F75

■ 6D3B75

■ 6E4675

■ 705275

■ 725E75

■ 736975

Harmonies

Analogous

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



003196



640075



840046

Triad

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



640075



503300



004B5E

Complementary

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



640075



117500

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.



00492B



640075



204100

Square

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



640075



721200



004700



004A88

Rectangle

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



640075



880026



004700



004A4D

Sweetspot

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



640075



926B99



001275



48314D



CCCCCC



4D4D4D

Same Dimension

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



640075



830099



75004C



3A353B



69007A



D600FA

Inverse Universe

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



750011



990016



007529



3B3536



7A0012



FA0024

Previews

White Background



This preview shows how the Hex color 640075 looks on a white background.

Color Contrast Check

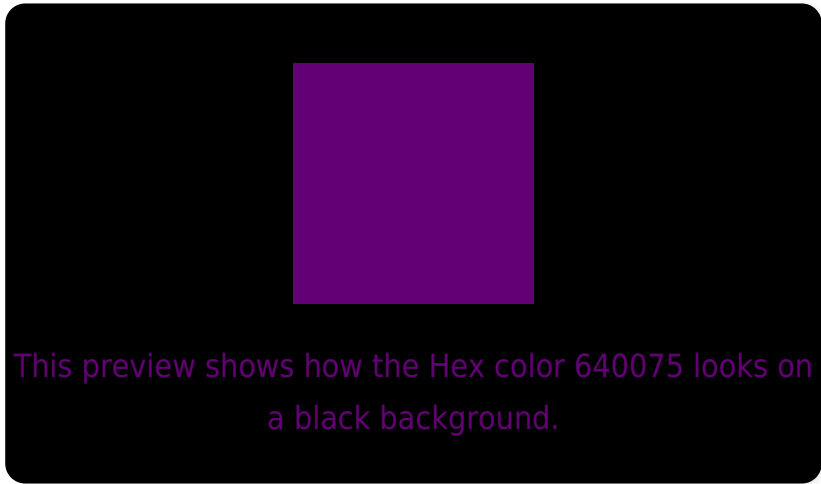
Large Text (above 18pt) WCAG AA ✓ Pass

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

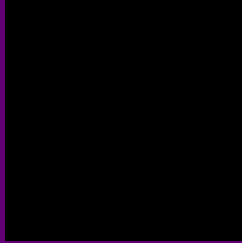
Any Text WCAG AA × Fail

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 640075 Background



This preview shows how black text looks on a background with the Hex color 640075.



This preview shows how white text looks on a background with the Hex color 640075.

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
640075

Protanopia
003A7A

Deuteranopia
003D6C



Tritanopia
5B2E31

Trichromacy



Original Color
640075

Protanomaly
242578

Deuteranomaly
24276F

Tritanomaly
5E1D4A

Monochromacy



Original Color
640075

Achromatopsia
2B2B2B

Achromatomaly
401B46

CSS Examples

Text

The CSS property to change the color of the text to Hex 640075 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 #640075 looks like.

```
.text, #text, p{  
    color:#640075  
}
```

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 #640075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640075
}
```

Border

The CSS property to change the border of an element to Hex 640075 is called "border". The border property can be set on classes, ids or directly on the HTML element.

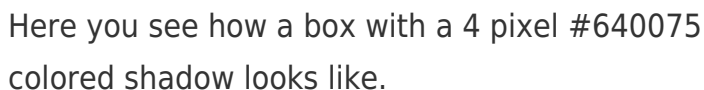
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640075 }
```

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

```
.border{ border-color:#640075 }
```

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



Here you see how a box with a 4 pixel #640075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640075; -webkit-box-shadow:4px 4px  
4px 4px #640075; box-shadow:4px 4px 4px  
4px #640075 }
```

Background

The CSS property to change the background color of an element to Hex 640075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640075 }
```

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

```
.background{ background-color:#640075 }
```

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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