

Converting Colors

Hex(640094)

Have a look what the booklet for
Hex(640094) contains.

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Color

Hex(640094)

Conversions

Conversions Part 1

Format	Color
Hex	640094
RGB	100, 0, 148
RGB Percent	39%, 0%, 58%
CMY	0.6078, 1.0000, 0.4196
CMYK	0.32, 1.00, 0.00, 0.42
HSL	281°, 100%, 29%
HSV	281°, 100%, 58%
XYZ	10.6008, 4.8474, 28.3939
YIQ	46.7720, 12.0920, 67.2280

Conversions

Conversions Part 2

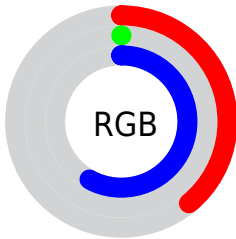
Format	Color
R_{YB}	100, 0, 148
Decimal	6553748
CIE _{Lab}	26.30, 58.37, -54.85
CIE _{LCh}	26, 80.099, 316.779
Yxy	4.8474, 0.2418, 0.1106
Android (android.graphics.Color)	4284743828 (0xFF640094)
YUV	46.7720, 49.9054, 46.6810
Hunter-Lab	22.0169, 47.4156, -61.0509

Details

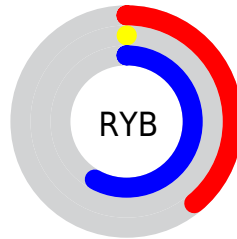
The Hex color **640094** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **309400**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **9C44CB**, and **2C0060** is the 20% darker color. If you saturate the color by 10%, you get **640094**, and if you desaturate by 10%, it is **690F94**.

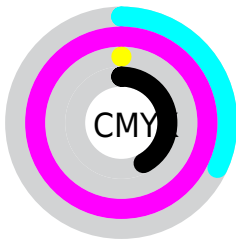
Distribution



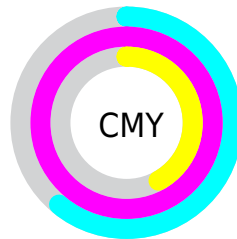
- Red (39%)
- Green (0%)
- Blue (58%)



- Red (39%)
- Yellow (0%)
- Blue (58%)



- Cyan (32%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (61%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640094 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 640094 by changing the saturation by 10% instead.

640094

640094

FFFFFF

48007A

9C44CB

2C0060

B95FE8

0D0047

D67AFF

000430

F395FF

00011A

FFB1FF

000000

FFCDDF

FFE AFF

640094

■ 690F94

■ 6E1E94

■ 722C94

■ 773B94

■ 7C4A94

■ 815994

■ 866894

■ 8A7694

■ 8F8594

Harmonies

Analogous

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



003DB7



640094



97005C

Triad

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



640094



633200



005360

Complementary

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



640094



309400

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.



00521F



640094



2C4600

Square

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



640094



8A0000



004E00



005499

Rectangle

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



640094



A00034



004E00



00534B

Sweetspot

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



640094



AD86BF



003194



563E61



E0E0E0



616161

Same Dimension

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



640094



8100BF



94007B



48434A



5D008A



07000A

Inverse Universe

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



940030



BF003E



009419



4A4345



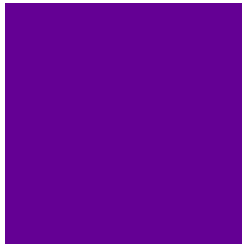
8A002D



0A0003

Previews

White Background



This preview shows how the Hex color 640094 looks on a white background.

Color Contrast Check

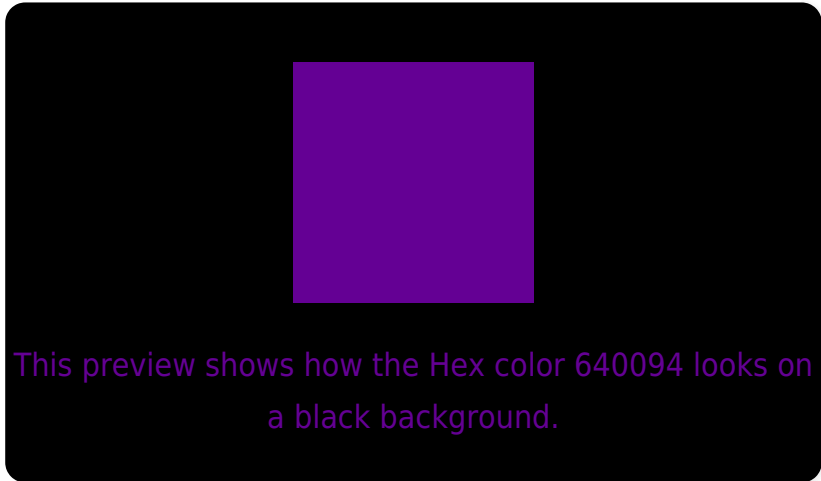
Large Text (above 18pt) WCAG AA ✓ Pass

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

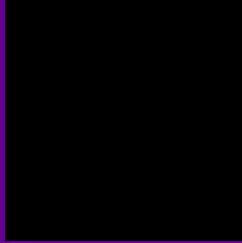
Any Text WCAG AA × Fail

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 640094 Background



This preview shows how black text looks on a background with the Hex color 640094.



This preview shows how white text looks on a background with the Hex color 640094.

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
640094

Protanopia
003F85

Deuteranopia
004373



Tritanopia
553A3E

Trichromacy



Original Color
640094

Protanomaly
24288A

Deuteranomaly
242B7F

Tritanomaly
5A255D

Monochromacy



Original Color
640094

Achromatopsia
2F2F2F

Achromatomaly
421E54

CSS Examples

Text

The CSS property to change the color of the text to Hex 640094 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 #640094 looks like.

```
.text, #text, p{  
    color:#640094  
}
```

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 #640094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640094
}
```

Border

The CSS property to change the border of an element to Hex 640094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

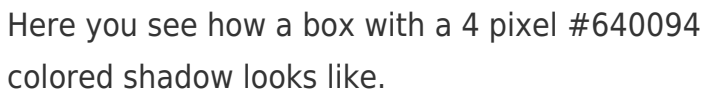
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640094 }
```

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

```
.border{ border-color:#640094 }
```

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



Here you see how a box with a 4 pixel #640094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640094; -webkit-box-shadow:4px 4px  
4px 4px #640094; box-shadow:4px 4px 4px  
4px #640094 }
```

Background

The CSS property to change the background color of an element to Hex 640094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640094 }
```

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

```
.background{ background-color:#640094 }
```

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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