

Converting Colors

Hex(640854)

Have a look what the booklet for
Hex(640854) contains.

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Color

Hex(640854)

Conversions

Conversions Part 1

Format	Color
Hex	640854
RGB	100, 8, 84
RGB Percent	39%, 3%, 33%
CMY	0.6078, 0.9686, 0.6706
CMYK	0.00, 0.92, 0.16, 0.61
HSL	310°, 85%, 21%
HSV	310°, 92%, 39%
XYZ	6.9426, 3.5231, 8.7016
YIQ	44.1720, 30.4360, 43.1400

Conversions

Conversions Part 2

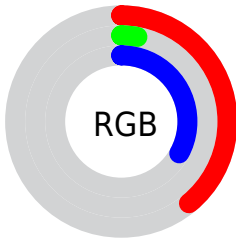
Format	Color
R_{YB}	100, 8, 84
Decimal	6555732
CIE _{Lab}	22.03, 45.10, -20.58
CIE _{LCh}	22, 49.572, 335.467
Yxy	3.5231, 0.3622, 0.1838
Android (android.graphics.Color)	4284745812 (0xFF640854)
YUV	44.1720, 19.6352, 48.9612
Hunter-Lab	18.7699, 33.1762, -14.3476

Details

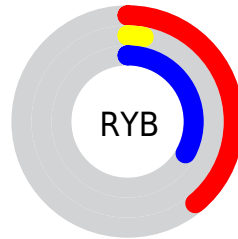
The Hex color **640854** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **086418**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **9A4286**, and **330027** is the 20% darker color. If you saturate the color by 10%, you get **640053**, and if you desaturate by 10%, it is **641256**.

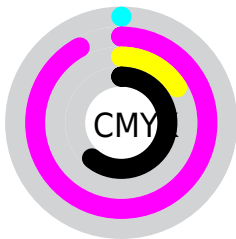
Distribution



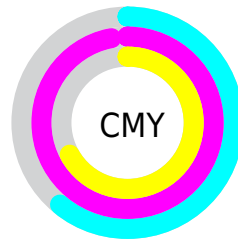
- Red (39%)
- Green (3%)
- Blue (33%)



- Red (39%)
- Yellow (3%)
- Blue (33%)



- Cyan (0%)
- Magenta (92%)
- Yellow (16%)
- Black (61%)



- Cyan (61%)
- Magenta (97%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640854 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 640854 by changing the saturation by 10% instead.

640854

640854

FFFFFF

4A003D

9A4286

330027

B65CA0

120010

D277BB

000000

EF91D7

FFADF4

FFC9FF

FFE6FF

640854

640854

■ 640053

■ 641256

■ 641C57

■ 642659

■ 64305B

■ 643A5D

■ 64445E

■ 644E60

■ 645862

■ 646264

Harmonies

Analogous

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



392772



640854



720030

Triad

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



640854



3C3600



00435F

Complementary

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



640854



086418

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.



00443B



640854



133E00

Square

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



640854



592600



004213



004078

Rectangle

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



640854



710018



004213



004454

Sweetspot

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



640854



825E7C



170864



422C3E



C2C2C2



424242

Same Dimension

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



640854



82006B



640827



332E32



73005F



F200C8

Inverse Universe

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



640854



82006B



086445



332E32



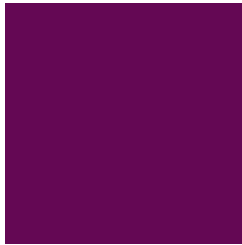
73005F



F200C8

Previews

White Background



This preview shows how the Hex color 640854 looks on a white background.

Color Contrast Check

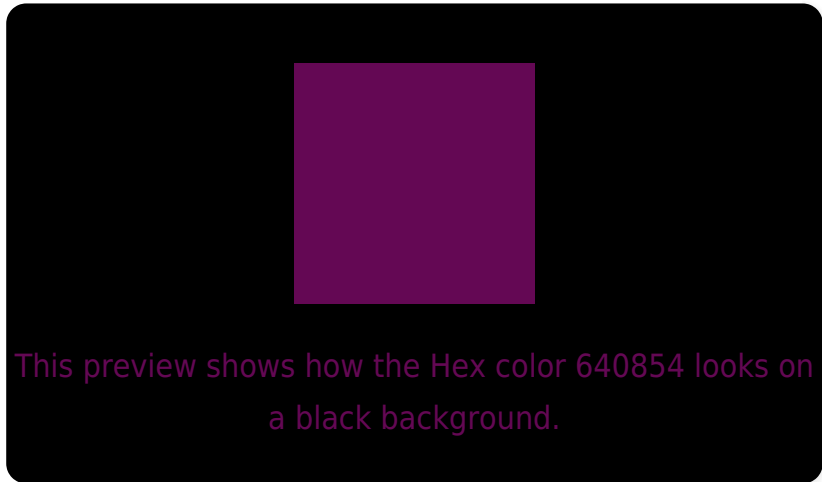
Large Text (above 18pt) WCAG AA ✓ Pass

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

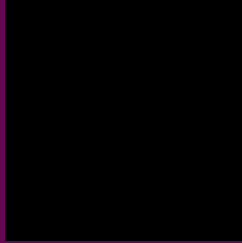
Any Text WCAG AA × Fail

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 640854 Background



This preview shows how black text looks on a background with the Hex color 640854.



This preview shows how white text looks on a background with the Hex color 640854.

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
640854

Protanopia
003672

Deuteranopia
2F374F



Tritanopia
602224

Trichromacy



Original Color
640854

Protanomaly
242567

Deuteranomaly
422651

Tritanomaly
611935

Monochromacy



Original Color
640854

Achromatopsia
2C2C2C

Achromatomaly
401F3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 640854 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 #640854 looks like.

```
.text, #text, p{  
    color:#640854  
}
```

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 #640854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640854
}
```

Border

The CSS property to change the border of an element to Hex 640854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

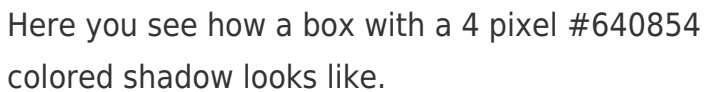
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640854 }
```

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

```
.border{ border-color:#640854 }
```

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



Here you see how a box with a 4 pixel #640854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640854; -webkit-box-shadow:4px 4px  
4px 4px #640854; box-shadow:4px 4px 4px  
4px #640854 }
```

Background

The CSS property to change the background color of an element to Hex 640854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640854 }
```

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

```
.background{ background-color:#640854 }
```

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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