

Converting Colors

Hex(640054)

Have a look what the booklet for
Hex(640054) contains.

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Color

Hex(640054)

Conversions

Conversions Part 1

Format	Color
Hex	640054
RGB	100, 0, 84
RGB Percent	39%, 0%, 33%
CMY	0.6078, 1.0000, 0.6706
CMYK	0.00, 1.00, 0.16, 0.61
HSL	310°, 100%, 20%
HSV	310°, 100%, 39%
XYZ	6.8558, 3.3494, 8.6727
YIQ	39.4760, 32.6360, 47.3240

Conversions

Conversions Part 2

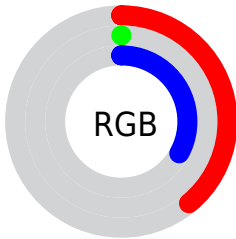
Format	Color
RYB	100, 0, 84
Decimal	6553684
CIELab	21.39, 46.96, -21.58
CIELCh	21, 51.683, 335.317
Yxy	3.3494, 0.3632, 0.1774
Android (android.graphics.Color)	4284743764 (0xFF640054)
YUV	39.4760, 21.9503, 53.0795
Hunter-Lab	18.3014, 34.8391, -15.2853

Details

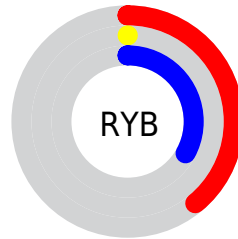
The Hex color **640054** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006410**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **9A3F86**, and **330027** is the 20% darker color. If you saturate the color by 10%, you get **640054**, and if you desaturate by 10%, it is **640A56**.

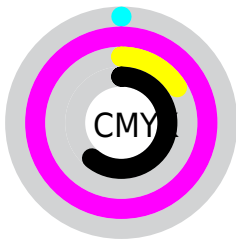
Distribution



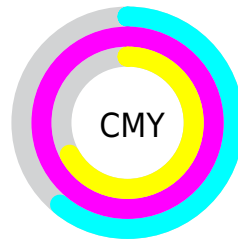
- Red (39%)
- Green (0%)
- Blue (33%)



- Red (39%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (61%)



- Cyan (61%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640054 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 640054 by changing the saturation by 10% instead.

 640054

 640054

FFFFFF

 4A003D

 9A3F86

 330027

 B659A0

 110010

 D373BB

 000000

 F08ED7

 FFAAF4

 FFC6FF

 FFE2FF

 640054

■ 640A56

■ 641457

■ 641E59

■ 64285A

■ 64325C

■ 643C5E

■ 64465F

■ 645061

■ 645A62

Harmonies

Analogous

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



372573



640054



73002E

Triad

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



640054



3A3400



00425F

Complementary

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



640054



006410

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.



004239



640054



0E3D00

Square

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



640054



592400



004110



00407A

Rectangle

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



640054



710016



004110



004353

Sweetspot

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



640054



825B7C



0F0064



422A3E



C2C2C2



424242

Same Dimension

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



640054



82006D



640023



332E32



730060



F200CB

Inverse Universe

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



640054



82006D



006441



332E32



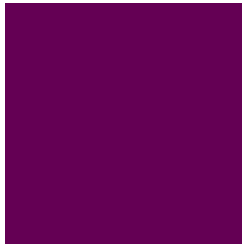
730060



F200CB

Previews

White Background



This preview shows how the Hex color 640054 looks on a white background.

Color Contrast Check

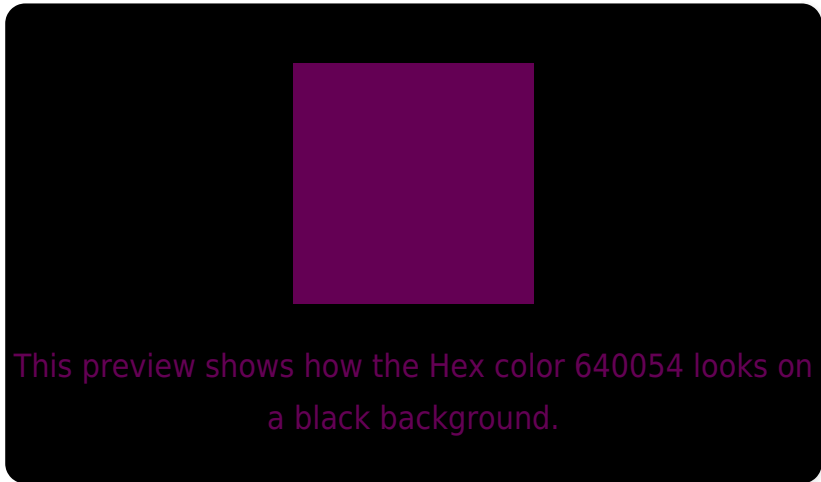
Large Text (above 18pt) WCAG AA ✓ Pass

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

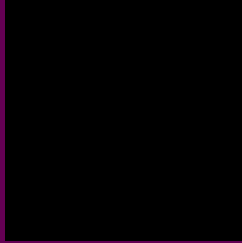
Any Text WCAG AA × Fail

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 640054 Background



This preview shows how black text looks on a background with the Hex color 640054.



This preview shows how white text looks on a background with the Hex color 640054.

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
640054

Protanopia
003571

Deuteranopia
2E374F

Trichromacy



Original Color
640054

Protanomaly
242266

Deuteranomaly
422351

Tritanomaly
611535

Monochromacy



Original Color
640054

Achromatopsia
272727

Achromatomaly
3D1937

CSS Examples

Text

The CSS property to change the color of the text to Hex 640054 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 #640054 looks like.

```
.text, #text, p{  
  color:#640054  
}
```

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 #640054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640054
}
```

Border

The CSS property to change the border of an element to Hex 640054 is called "border". The border property can be set on classes, ids or directly on the HTML element.

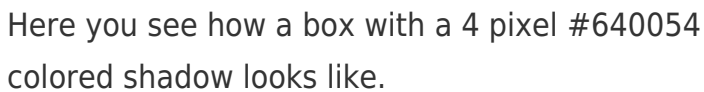
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640054 }
```

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

```
.border{ border-color:#640054 }
```

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



Here you see how a box with a 4 pixel #640054 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640054; -webkit-box-shadow:4px 4px  
4px 4px #640054; box-shadow:4px 4px 4px  
4px #640054 }
```

Background

The CSS property to change the background color of an element to Hex 640054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640054 }
```

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

```
.background{ background-color:#640054 }
```

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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