

# Converting Colors

Hex(630054)

Have a look what the booklet for  
Hex(630054) contains.

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**Color**

**Hex(630054)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	630054
RGB	99, 0, 84
RGB Percent	39%, 0%, 33%
CMY	0.6118, 1.0000, 0.6706
CMYK	0.00, 1.00, 0.15, 0.61
HSL	309°, 100%, 19%
HSV	309°, 100%, 39%
XYZ	6.7458, 3.2927, 8.6675
YIQ	39.1770, 32.0400, 47.1120

# Conversions

## Conversions Part 2

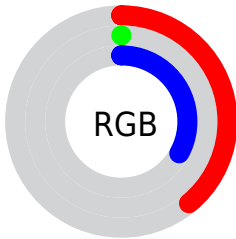
Format	Color
R <sub>Y</sub> B	99, 0, 84
Decimal	6488148
CIE Lab	21.18, 46.76, -21.93
CIE LCh	21, 51.644, 334.871
Yxy	3.2927, 0.3606, 0.1760
Android (android.graphics.Color)	4284678228 (0xFF630054)
YUV	39.1770, 22.0977, 52.4648
Hunter-Lab	18.1459, 34.6028, -15.6181

# Details

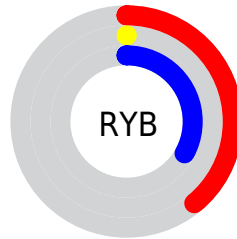
The Hex color **630054** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **00630F**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **993E86**, and **320027** is the 20% darker color. If you saturate the color by 10%, you get **630054**, and if you desaturate by 10%, it is **630A56**.

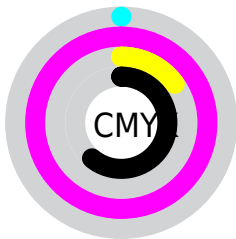
# Distribution



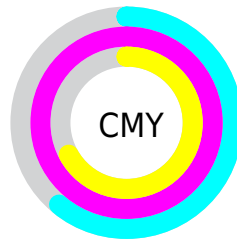
- Red (39%)
- Green (0%)
- Blue (33%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (61%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 630054 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 630054 by changing the saturation by 10% instead.



 630054

 630054

FFFFFF

 49003D

 993E86

 320027

 B559A0

 0E0010

 D173BB

 000000

 EF8ED7

 FFA9F4

 FFC5FF

 FFE2FF

 630054

 630A56

 631457

 631E59

 63285A

 63325C

 633B5D

 63455F

 634F60

 635962

# Harmonies

## Analogous

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



352572



630054



72002F

# Triad

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



630054



3A3400



00425E

# Complementary

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



630054



00630F

# 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.



004238



630054



0E3C00

# Square

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



630054



582300



00400F



003F79

# Rectangle

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



630054



700016



00400F



004252



# Sweetspot

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



630054



80597A



0F0063



40293C



BFBFBF



404040



# Same Dimension

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



630054



80006C



630023



302C30



70005F



F000CB



# Inverse Universe

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



630054



80006C



006340



302C30



70005F



F000CB



# Previews

## White Background



This preview shows how the Hex color 630054 looks on a white background.

## Color Contrast Check

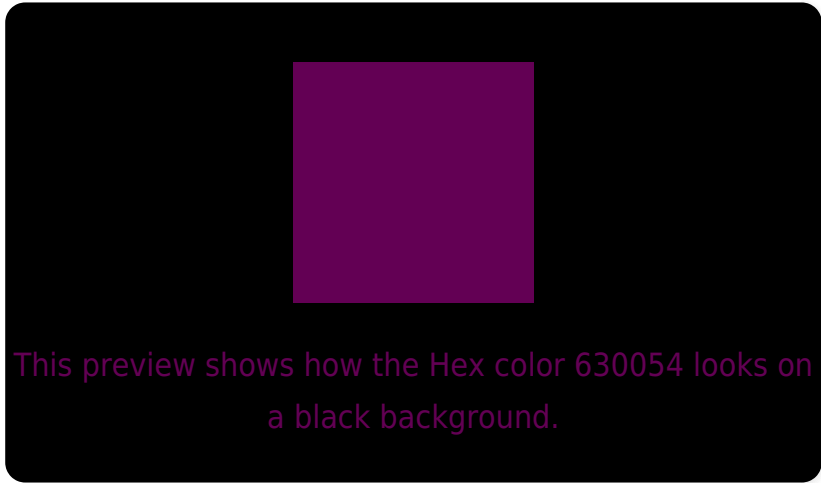
Large Text (above 18pt) WCAG AA ✓ Pass

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

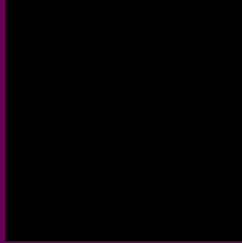
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 630054 Background



This preview shows how black text looks on a background with the Hex color 630054.

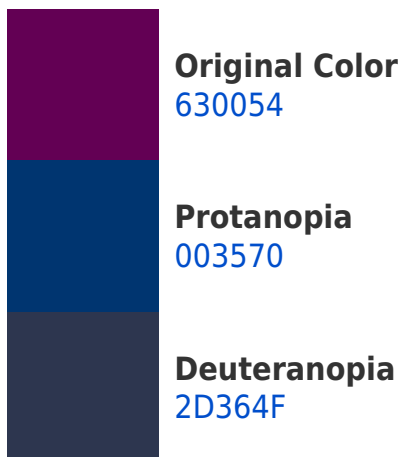


This preview shows how white text looks on a background with the Hex color 630054.

# 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





**Tritanopia**  
5F2123

# Trichromacy



**Original Color**  
630054

**Protanomaly**  
242266

**Deuteranomaly**  
412251

**Tritanomaly**  
601535

# Monochromacy



**Original Color**  
630054

**Achromatopsia**  
272727

**Achromatomaly**  
3D1937

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 630054 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 #630054 looks like.

```
.text, #text, p{  
    color:#630054  
}
```

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 #630054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630054
}
```

## Border

The CSS property to change the border of an element to Hex 630054 is called "border". The border property can be set on classes, ids or directly on the HTML element.

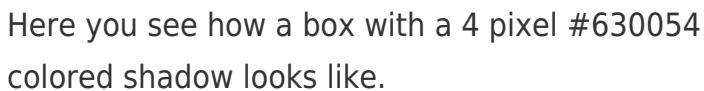
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#630054 }
```

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

```
.border{ border-color:#630054 }
```

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



Here you see how a box with a 4 pixel #630054 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630054; -webkit-box-shadow:4px 4px  
4px 4px #630054; box-shadow:4px 4px 4px  
4px #630054 }
```

# Background

The CSS property to change the background color of an element to Hex 630054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630054 }
```

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

```
.background{ background-color:#630054 }
```

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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