

Converting Colors

Hex(630850)

Have a look what the booklet for
Hex(630850) contains.

Hex(630850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(630850)

Conversions

Conversions Part 1

Format	Color
Hex	630850
RGB	99, 8, 80
RGB Percent	39%, 3%, 31%
CMY	0.6118, 0.9686, 0.6863
CMYK	0.00, 0.92, 0.19, 0.61
HSL	313°, 85%, 21%
HSV	313°, 92%, 39%
XYZ	6.6804, 3.4055, 7.8946
YIQ	43.4170, 31.1240, 41.6840

Conversions

Conversions Part 2

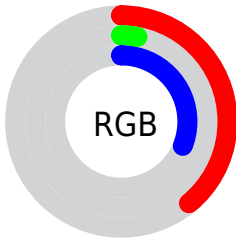
Format	Color
RYB	99, 8, 80
Decimal	6490192
CIELab	21.60, 44.28, -18.57
CIElCh	22, 48.013, 337.245
Yxy	3.4055, 0.3715, 0.1894
Android (android.graphics.Color)	4284680272 (0xFF630850)
YUV	43.4170, 18.0354, 48.7463
Hunter-Lab	18.4540, 32.3229, -12.4465

Details

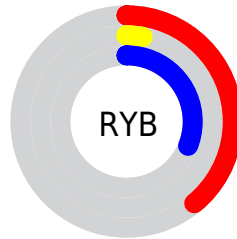
The Hex color **630850** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **08631B**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **994281**, and **320023** is the 20% darker color. If you saturate the color by 10%, you get **63004E**, and if you desaturate by 10%, it is **631252**.

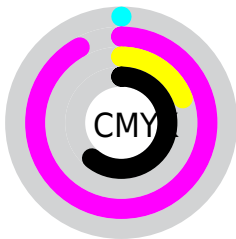
Distribution



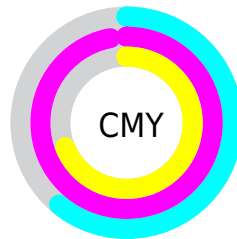
- Red (39%)
- Green (3%)
- Blue (31%)



- Red (39%)
- Yellow (3%)
- Blue (31%)



- Cyan (0%)
- Magenta (92%)
- Yellow (19%)
- Black (61%)



- Cyan (61%)
- Magenta (97%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 630850 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 630850 by changing the saturation by 10% instead.

630850

630850

FFFFFF

490039

994281

320023

B55C9C

0F000A

D176B7

000000

EE91D2

FFACEF

FFC8FF

FFE5FF

630850

630850

■ 63004E

■ 631252

■ 631C54

■ 632656

■ 633058

■ 633A5A

■ 63435C

■ 634D5E

■ 635761

■ 636163

Harmonies

Analogous

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



3C256D



630850



70002D

Triad

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



630850



393500



00425E

Complementary

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



630850



08631B

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.



00423C



630850



113D00

Square

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



630850



562700



004116



003F76

Rectangle

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



630850



6D0416



004116



004254

Sweetspot

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



630850



805C78



1A0863



402A3B



BFBFBF



404040

Same Dimension

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



630850



800065



630823



302C2F



700059



F000BE

Inverse Universe

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



630850



800065



086348



302C2F



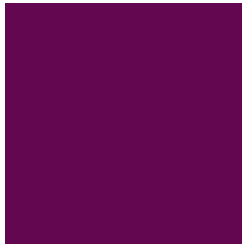
700059



F000BE

Previews

White Background



This preview shows how the Hex color 630850 looks on a white background.

Color Contrast Check

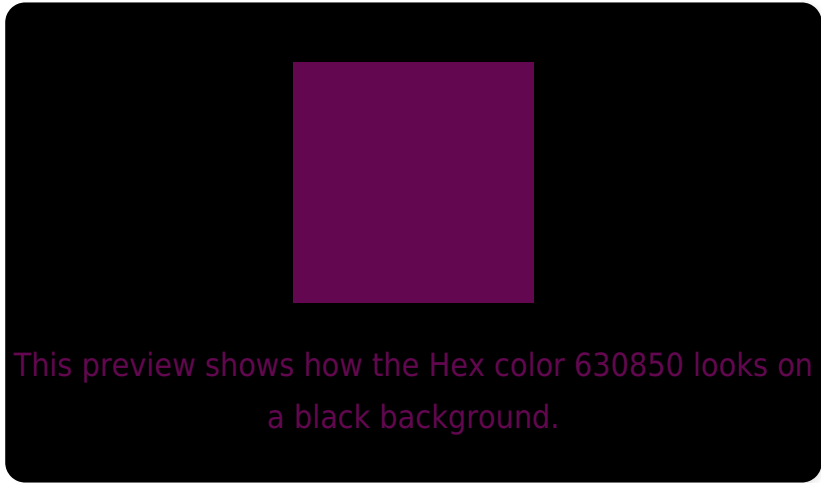
Large Text (above 18pt) WCAG AA ✓ Pass

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

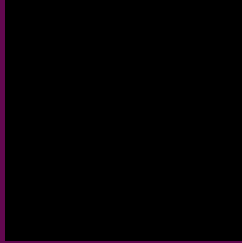
Any Text WCAG AA × Fail

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 630850 Background



This preview shows how black text looks on a background with the Hex color 630850.

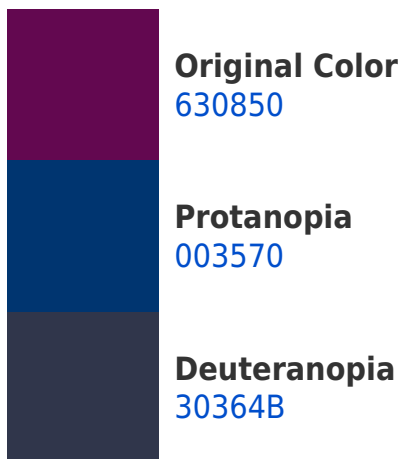


This preview shows how white text looks on a background with the Hex color 630850.

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



Trichromacy



Original Color
630850

Protanomaly
242564

Deuteranomaly
43254D

Tritanomaly
601733

Monochromacy



Original Color
630850

Achromatopsia
2B2B2B

Achromatomaly
3F1E38

CSS Examples

Text

The CSS property to change the color of the text to Hex 630850 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 #630850 looks like.

```
.text, #text, p{  
    color:#630850  
}
```

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 #630850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630850
}
```

Border

The CSS property to change the border of an element to Hex 630850 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".

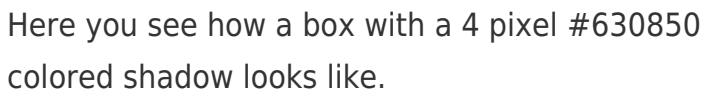
```
.border, #border, table{ border:4px solid
#630850 }
```

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

```
.border{ border-color:#630850 }
```

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

Here you see how a box with a 4 pixel #630850 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630850; -webkit-box-shadow:4px 4px  
4px 4px #630850; box-shadow:4px 4px 4px  
4px #630850 }
```

Background

The CSS property to change the background color of an element to Hex 630850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630850 }
```

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

```
.background{ background-color:#630850 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor