

Converting Colors

Hex(630051)

Have a look what the booklet for
Hex(630051) contains.

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Color

Hex(630051)

Conversions

Conversions Part 1

Format	Color
Hex	630051
RGB	99, 0, 81
RGB Percent	39%, 0%, 32%
CMY	0.6118, 1.0000, 0.6824
CMYK	0.00, 1.00, 0.18, 0.61
HSL	311°, 100%, 19%
HSV	311°, 100%, 39%
XYZ	6.6308, 3.2467, 8.0618
YIQ	38.8350, 33.0030, 46.1790

Conversions

Conversions Part 2

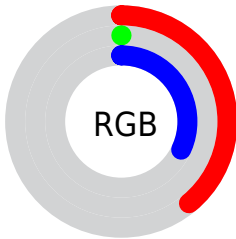
Format	Color
RYB	99, 0, 81
Decimal	6488145
CIELab	21.01, 46.32, -20.18
CIElCh	21, 50.527, 336.462
Yxy	3.2467, 0.3696, 0.1810
Android (android.graphics.Color)	4284678225 (0xFF630051)
YUV	38.8350, 20.7873, 52.7647
Hunter-Lab	18.0187, 34.1545, -13.9140

Details

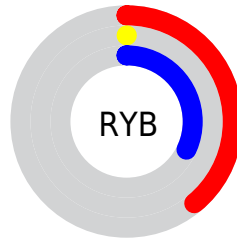
The Hex color **630051** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006312**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **993E83**, and **320024** is the 20% darker color. If you saturate the color by 10%, you get **630051**, and if you desaturate by 10%, it is **630A53**.

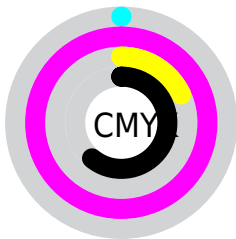
Distribution



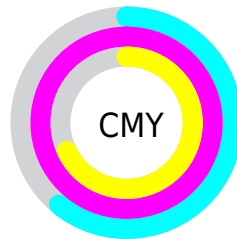
- Red (39%)
- Green (0%)
- Blue (32%)



- Red (39%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (61%)



- Cyan (61%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 630051 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 630051 by changing the saturation by 10% instead.

 630051

 630051

FFFFFF

 49003A

 993E83

 320024

 B5589D

 0E000C

 D173B8

 000000

 EF8DD3

 FFA9F0

 FFC5FF

 FFE1FF

 630051

■ 630A53

■ 631455

■ 631E56

■ 632858

■ 63325A

■ 633B5C

■ 63455E

■ 634F5F

■ 635961

Harmonies

Analogous

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



39236F



630051



71002C

Triad

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



630051



383400



00415E

Complementary

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



630051



006312

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.



00413A



630051



0C3C00

Square

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



630051



562500



004012



003E78

Rectangle

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



630051



6E0014



004012



004153

Sweetspot

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



630051



805979



100063



40293C



BFBFBF



404040

Same Dimension

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



630051



800068



630021



302C30



70005C



F000C4

Inverse Universe

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



630051



800068



006342



302C30



70005C



F000C4

Previews

White Background



This preview shows how the Hex color 630051 looks on a white background.

Color Contrast Check

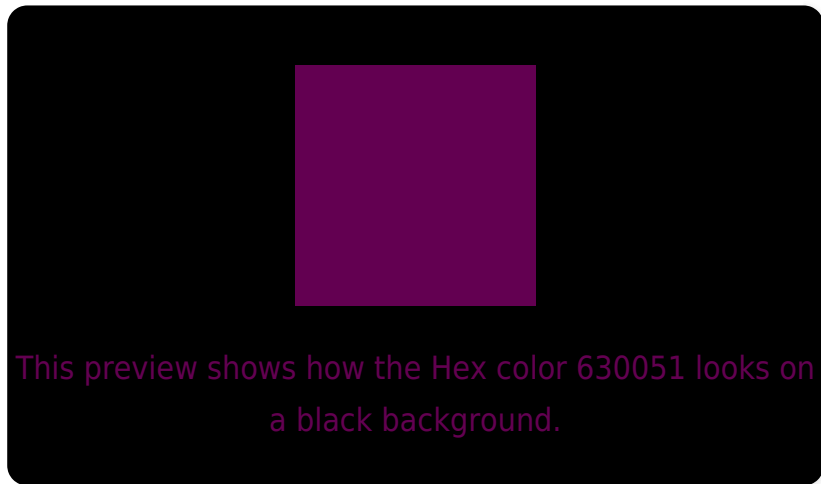
Large Text (above 18pt) WCAG AA ✓ Pass

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

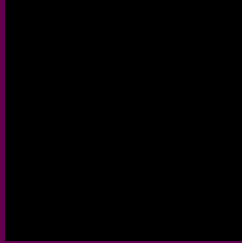
Any Text WCAG AA × Fail

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 630051 Background



This preview shows how black text looks on a background with the Hex color 630051.

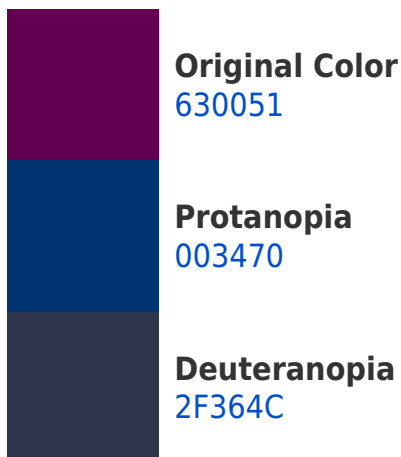


This preview shows how white text looks on a background with the Hex color 630051.

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
630051

Protanomaly
242165

Deuteranomaly
42224E

Tritanomaly
601433

Monochromacy



Original Color
630051

Achromatopsia
272727

Achromatomaly
3D1936

CSS Examples

Text

The CSS property to change the color of the text to Hex 630051 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 #630051 looks like.

```
.text, #text, p{  
    color:#630051  
}
```

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 #630051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630051
}
```

Border

The CSS property to change the border of an element to Hex 630051 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".

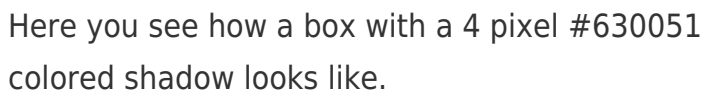
```
.border, #border, table{ border:4px solid
#630051 }
```

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

```
.border{ border-color:#630051 }
```

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

Here you see how a box with a 4 pixel #630051 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 #630051; -webkit-box-shadow:4px 4px  
4px 4px #630051; box-shadow:4px 4px 4px  
4px #630051 }
```

Background

The CSS property to change the background color of an element to Hex 630051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630051 }
```

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

```
.background{ background-color:#630051 }
```

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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