

Converting Colors

Hex(630086)

Have a look what the booklet for
Hex(630086) contains.

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Color

Hex(630086)

Conversions

Conversions Part 1

Format	Color
Hex	630086
RGB	99, 0, 134
RGB Percent	39%, 0%, 53%
CMY	0.6118, 1.0000, 0.4745
CMYK	0.26, 1.00, 0.00, 0.47
HSL	284°, 100%, 26%
HSV	284°, 100%, 53%
XYZ	9.4487, 4.3739, 22.9005
YIQ	44.8770, 15.9900, 62.6620

Conversions

Conversions Part 2

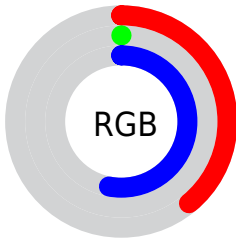
Format	Color
RYB	99, 0, 134
Decimal	6488198
CIELab	24.87, 55.46, -48.47
CIELCh	25, 73.653, 318.844
Yxy	4.3739, 0.2573, 0.1191
Android (android.graphics.Color)	4284678278 (0xFF630086)
YUV	44.8770, 43.9376, 47.4659
Hunter-Lab	20.9138, 44.0454, -50.2825

Details

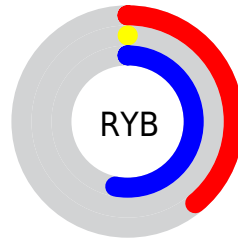
The Hex color **630086** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **238600**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **9A42BC**, and **2D0053** is the 20% darker color. If you saturate the color by 10%, you get **630086**, and if you desaturate by 10%, it is **660D86**.

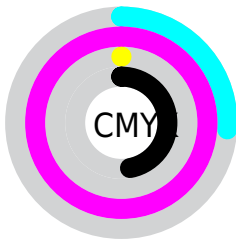
Distribution



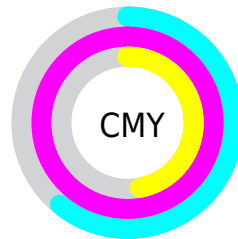
- Red (39%)
- Green (0%)
- Blue (53%)



- Red (39%)
- Yellow (0%)
- Blue (53%)



- Cyan (26%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (61%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 630086 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 630086 by changing the saturation by 10% instead.

 630086

 630086

FFFFFF

 48006C

 9A42BC

 2D0053

 B75DD8

 11003B

 D378F5

 000224

 F193FF

 00000C

 FFAFFF

 000000

 FFCBFF


 FFE8FF

 630086

 660D86

 6A1B86

 6D2886

 713686

 754386

 785086

 7C5E86

 7F6B86

 837986

Harmonies

Analogous

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



0037A8



630086



8E0052

Triad

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



630086



5A3100



004F5E

Complementary

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



630086



238600

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.



004D23



630086



274300

Square

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



630086



7F0000



004A00



004F90

Rectangle

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



630086



95002E



004A00



004E4B

Sweetspot

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



630086



A079AD



002486



4F3757



D6D6D6



575757

Same Dimension

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



630086



8000AD



860067



413C42



600082



020003

Inverse Universe

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



860023



AD002D



00861F



423C3D



820022



030001

Previews

White Background



This preview shows how the Hex color 630086 looks on a white background.

Color Contrast Check

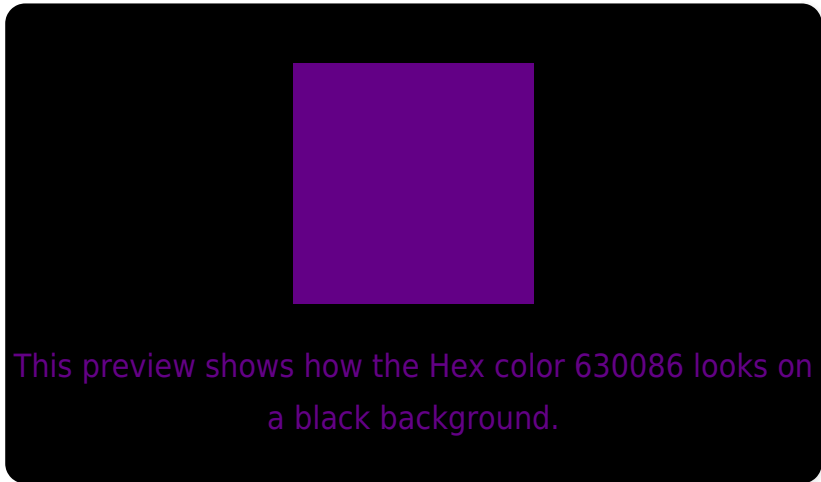
Large Text (above 18pt) WCAG AA ✓ Pass

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

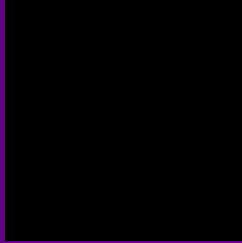
Any Text WCAG AA × Fail

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 630086 Background



This preview shows how black text looks on a background with the Hex color 630086.



This preview shows how white text looks on a background with the Hex color 630086.

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
630086

Protanopia
003C7F

Deuteranopia
00406F



Tritanopia
573438

Trichromacy



Original Color
630086

Protanomaly
242682

Deuteranomaly
242977

Tritanomaly
5B2154

Monochromacy



Original Color
630086

Achromatopsia
2D2D2D

Achromatomaly
411D4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 630086 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 #630086 looks like.

```
.text, #text, p{  
    color:#630086  
}
```

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 #630086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630086
}
```

Border

The CSS property to change the border of an element to Hex 630086 is called "border". The border property can be set on classes, ids or directly on the HTML element.

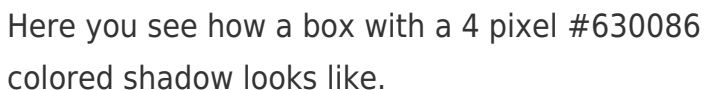
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#630086 }
```

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

```
.border{ border-color:#630086 }
```

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



Here you see how a box with a 4 pixel #630086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630086; -webkit-box-shadow:4px 4px  
4px 4px #630086; box-shadow:4px 4px 4px  
4px #630086 }
```

Background

The CSS property to change the background color of an element to Hex 630086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630086 }
```

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

```
.background{ background-color:#630086 }
```

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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