

Converting Colors

Hex(630996)

Have a look what the booklet for
Hex(630996) contains.

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Color

Hex(630996)

Conversions

Conversions Part 1

Format	Color
Hex	630996
RGB	99, 9, 150
RGB Percent	39%, 4%, 59%
CMY	0.6118, 0.9647, 0.4118
CMYK	0.34, 0.94, 0.00, 0.41
HSL	278°, 89%, 31%
HSV	278°, 94%, 59%
XYZ	10.7483, 5.0500, 29.2624
YIQ	51.9840, 8.3790, 62.9310

Conversions

Conversions Part 2

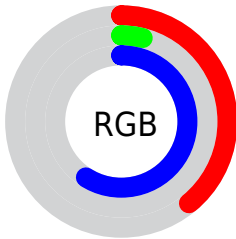
Format	Color
R_{YB}	99, 9, 150
Decimal	6490518
CIE _{Lab}	26.88, 56.98, -55.14
CIE _{LCh}	27, 79.289, 315.937
Yxy	5.0500, 0.2385, 0.1121
Android (android.graphics.Color)	4284680598 (0xFF630996)
YUV	51.9840, 48.3219, 41.2330
Hunter-Lab	22.4723, 46.0485, -61.4743

Details

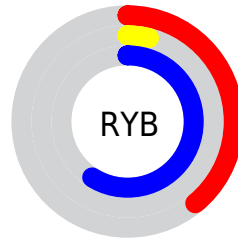
The Hex color **630996** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3C9609**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **9B47CD**, and **2B0062** is the 20% darker color. If you saturate the color by 10%, you get **600096**, and if you desaturate by 10%, it is **681896**.

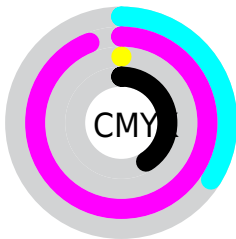
Distribution



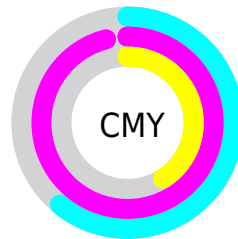
- Red (39%)
- Green (4%)
- Blue (59%)



- Red (39%)
- Yellow (4%)
- Blue (59%)



- Cyan (34%)
- Magenta (94%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (96%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 630996 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 630996 by changing the saturation by 10% instead.

630996

630996

FFFFFF

47007C

9B47CD

2B0062

B862EA

0C0049

D57DFF

000431

F298FF

00011C

FFB4FF

000000

FFD0FF

FFEDFF

630996

630996

600096

681896

6E2796

733696

794596

7E5496

846396

897296

8E8196

949096

Harmonies

Analogous

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



003EB8



630996



97005F

Triad

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



630996



663200



005560

Complementary

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



630996



3C9609

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.



00531F



630996



304700

Square

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



630996



8C0000



005000



005598

Rectangle

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



630996



A10037



005000



00544B

Sweetspot

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



630996



AE8CC2



093D96



554061



E0E0E0



616161

Same Dimension

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



630996



7C00C2



960983



47434A



58008A



07000A

Inverse Universe

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



96093C



C20046



09961C



4A4345



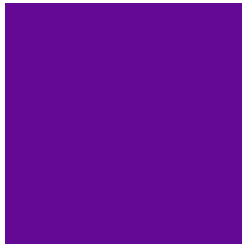
8A0032



0A0004

Previews

White Background



This preview shows how the Hex color 630996 looks on a white background.

Color Contrast Check

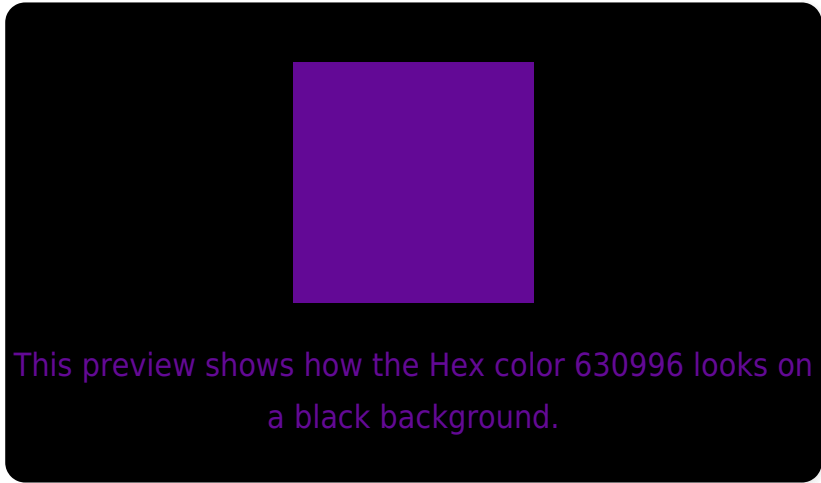
Large Text (above 18pt) WCAG AA ✓ Pass

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

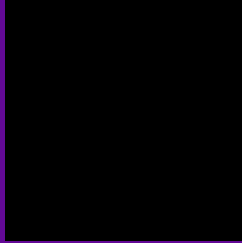
Any Text WCAG AA × Fail

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 630996 Background



This preview shows how black text looks on a background with the Hex color 630996.



This preview shows how white text looks on a background with the Hex color 630996.

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](#).

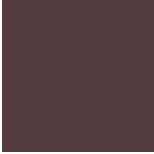
Dichromacy



Original Color
630996

Protanopia
003F86

Deuteranopia
004373



Tritanopia
533B3F

Trichromacy



Original Color
630996



Protanomaly
242B8C



Deuteranomaly
242E80



Tritanomaly
59295F

Monochromacy



Original Color
630996



Achromatopsia
343434



Achromatomaly
452458

CSS Examples

Text

The CSS property to change the color of the text to Hex 630996 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 #630996 looks like.

```
.text, #text, p{  
    color:#630996  
}
```

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 #630996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630996
}
```

Border

The CSS property to change the border of an element to Hex 630996 is called "border". The border property can be set on classes, ids or directly on the HTML element.

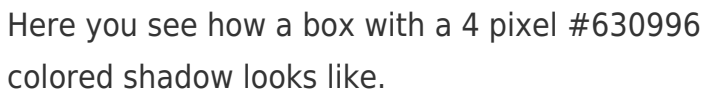
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#630996 }
```

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

```
.border{ border-color:#630996 }
```

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



Here you see how a box with a 4 pixel #630996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630996; -webkit-box-shadow:4px 4px  
4px 4px #630996; box-shadow:4px 4px 4px  
4px #630996 }
```

Background

The CSS property to change the background color of an element to Hex 630996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630996 }
```

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

```
.background{ background-color:#630996 }
```

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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