

Converting Colors

Hex(630C6A)

Have a look what the booklet for
Hex(630C6A) contains.

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Color

Hex(630C6A)

Conversions

Conversions Part 1

Format	Color
Hex	630C6A
RGB	99, 12, 106
RGB Percent	39%, 5%, 42%
CMY	0.6118, 0.9529, 0.5843
CMYK	0.07, 0.89, 0.00, 0.58
HSL	296°, 80%, 23%
HSV	296°, 89%, 42%
XYZ	7.8786, 3.9562, 13.9840
YIQ	48.7290, 21.6780, 47.6780

Conversions

Conversions Part 2

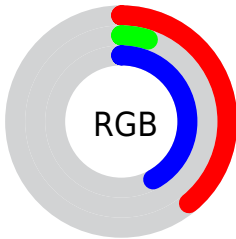
Format	Color
R_{YB}	99, 12, 106
Decimal	6491242
CIE _{Lab}	23.53, 47.64, -32.76
CIE _{LCh}	24, 57.814, 325.485
Yxy	3.9562, 0.3051, 0.1532
Android (android.graphics.Color)	4284681322 (0xFF630C6A)
YUV	48.7290, 28.2346, 44.0877
Hunter-Lab	19.8902, 35.8967, -27.7614

Details

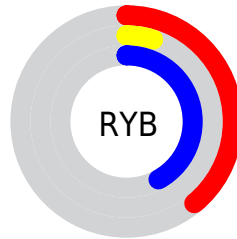
The Hex color **630C6A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **136A0C**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **99459E**, and **31003A** is the 20% darker color. If you saturate the color by 10%, you get **62016A**, and if you desaturate by 10%, it is **64176A**.

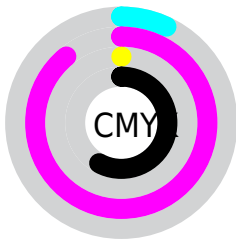
Distribution



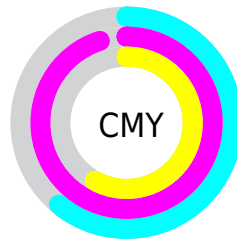
- Red (39%)
- Green (5%)
- Blue (42%)



- Red (39%)
- Yellow (5%)
- Blue (42%)



- Cyan (7%)
- Magenta (89%)
- Yellow (0%)
- Black (58%)



- Cyan (61%)
- Magenta (95%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 630C6A 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 630C6A by changing the saturation by 10% instead.

 630C6A

 630C6A

FFFFFF

 490051

 99459E

 31003A

 B55FB9

 150024

 D17AD5

 00000B

 EE95F1

 000000

 FFBOFF

 FFCCFF

 FFE9FF

 630C6A

 630C6A

■ 62016A

■ 64176A

■ 62006A

■ 65216A

■ 652C6A

■ 66366A

■ 67416A

■ 684C6A

■ 69566A

■ 69616A

■ 6A6B6A

Harmonies

Analogous

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



0E3088



630C6A



7D0041

Triad

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



630C6A



4B3400



00495D

Complementary

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



630C6A



136A0C

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.



004830



630C6A



214000

Square

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



630C6A



6B1D00



004600



004780

Rectangle

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



630C6A



7F0024



004600



00494E

Sweetspot

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



630C6A



87658A



0C146A



432F45



C4C4C4



454545

Same Dimension

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



630C6A



7F008A



6A0C43



353036



6D0075



E300F5

Inverse Universe

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



6A0C13



8A000A



0C6A33



363031



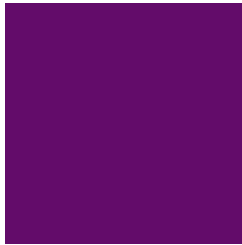
750009



F50012

Previews

White Background



This preview shows how the Hex color 630C6A looks on a white background.

Color Contrast Check

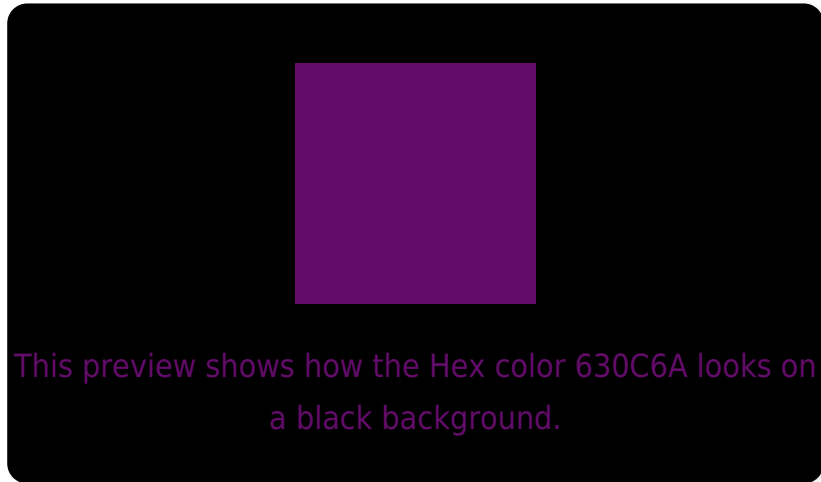
Large Text (above 18pt) WCAG AA ✓ Pass

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

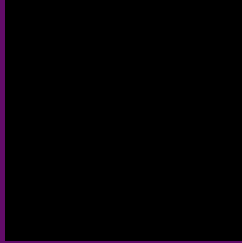
Any Text WCAG AA × Fail

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 630C6A Background



This preview shows how black text looks on a background with the Hex color 630C6A.



This preview shows how white text looks on a background with the Hex color 630C6A.

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
630C6A

Protanopia
003877

Deuteranopia
1B3B64



Tritanopia
5C2B2E

Trichromacy



Original Color
630C6A

Protanomaly
242872

Deuteranomaly
352A66

Tritanomaly
5F2044

Monochromacy



Original Color
630C6A

Achromatopsia
313131

Achromatomaly
432446

CSS Examples

Text

The CSS property to change the color of the text to Hex 630C6A 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 #630C6A looks like.

```
.text, #text, p{  
    color:#630C6A  
}
```

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 #630C6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630C6A
}
```

Border

The CSS property to change the border of an element to Hex 630C6A 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".

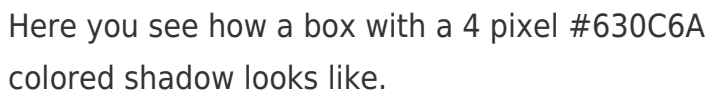
```
.border, #border, table{ border:4px solid
#630C6A }
```

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

```
.border{ border-color:#630C6A }
```

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

Here you see how a box with a 4 pixel #630C6A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630C6A; -webkit-box-shadow:4px 4px  
4px 4px #630C6A; box-shadow:4px 4px 4px  
4px #630C6A }
```

Background

The CSS property to change the background color of an element to Hex 630C6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630C6A }
```

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

```
.background{ background-color:#630C6A }
```

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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