

Converting Colors

Hex(630A3A)

Have a look what the booklet for
Hex(630A3A) contains.

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Color

Hex(630A3A)

Conversions

Conversions Part 1

Format	Color
Hex	630A3A
RGB	99, 10, 58
RGB Percent	39%, 4%, 23%
CMY	0.6118, 0.9608, 0.7725
CMYK	0.00, 0.90, 0.41, 0.61
HSL	328°, 82%, 21%
HSV	328°, 90%, 39%
XYZ	6.0179, 3.1752, 4.2987
YIQ	42.0830, 37.6360, 33.7960

Conversions

Conversions Part 2

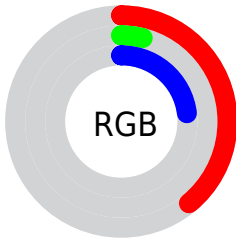
Format	Color
RYB	99, 10, 58
Decimal	6490682
CIELab	20.73, 40.95, -4.77
CIELCh	21, 41.231, 353.357
Yxy	3.1752, 0.4460, 0.2353
Android (android.graphics.Color)	4284680762 (0xFF630A3A)
YUV	42.0830, 7.8471, 49.9162
Hunter-Lab	17.8191, 29.0992, -1.8297

Details

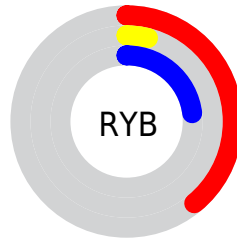
The Hex color **630A3A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0A6333**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **994269**, and **32000F** is the 20% darker color. If you saturate the color by 10%, you get **630035**, and if you desaturate by 10%, it is **63143F**.

Distribution



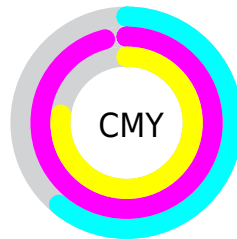
- Red (39%)
- Green (4%)
- Blue (23%)



- Red (39%)
- Yellow (4%)
- Blue (23%)



- Cyan (0%)
- Magenta (90%)
- Yellow (41%)
- Black (61%)



- Cyan (61%)
- Magenta (96%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 630A3A 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 630A3A by changing the saturation by 10% instead.

630A3A

630A3A

FFFFFF

490024

994269

32000F

B55B82

030000

D2759C

000000

EF90B7

FFABD3

FFC7EF

FFE4FF

630A3A

630A3A

■ 630035

■ 63143F

■ 631E43

■ 632848

■ 63324C

■ 633C51

■ 634555

■ 634F5A

■ 63595E

■ 636363

Harmonies

Analogous

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



4F1C57



630A3A



650E1C

Triad

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



630A3A



293700



003D63

Complementary

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



630A3A



0A6333

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.



003F49



630A3A



003C09

Square

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



630A3A



442E00



003E2A



00386F

Rectangle

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



630A3A



5E1A06



003E2A



003E5B

Sweetspot

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



630A3A



805D70



320A63



402B36



BFBFBF



404040

Same Dimension

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



630A3A



800045



630A0E



302C2E



70003D



F00081

Inverse Universe

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



630A3A



800045



0A635F



302C2E



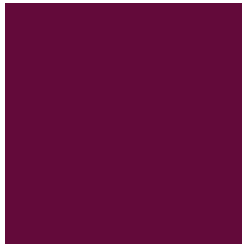
70003D



F00081

Previews

White Background



This preview shows how the Hex color 630A3A looks on a white background.

Color Contrast Check

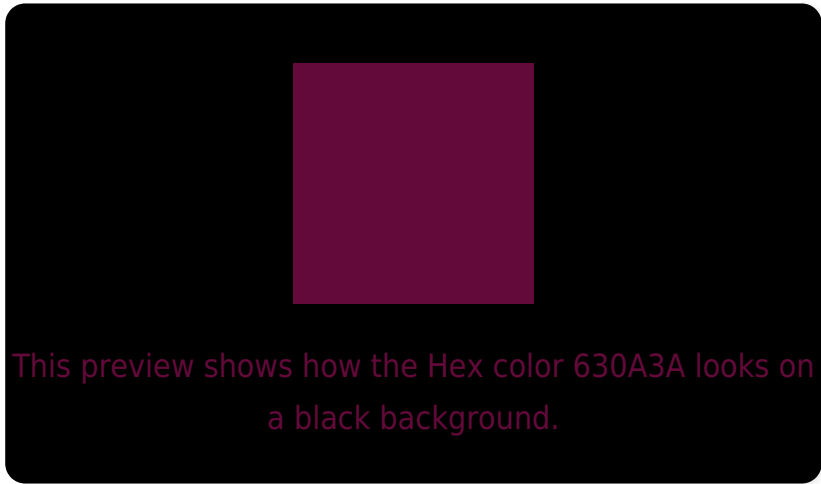
Large Text (above 18pt) WCAG AA ✓ Pass

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

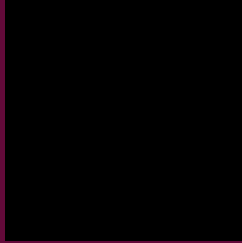
Any Text WCAG AA × Fail

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 630A3A Background



This preview shows how black text looks on a background with the Hex color 630A3A.



This preview shows how white text looks on a background with the Hex color 630A3A.

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
630A3A

Protanopia
293452

Deuteranopia
393336



Tritanopia
611819

Trichromacy



Original Color
630A3A

Protanomaly
3E2549

Deuteranomaly
482437

Tritanomaly
621325

Monochromacy



Original Color
630A3A

Achromatopsia
2A2A2A

Achromatomaly
3F1E30

CSS Examples

Text

The CSS property to change the color of the text to Hex 630A3A 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 #630A3A looks like.

```
.text, #text, p{  
    color:#630A3A  
}
```

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 #630A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630A3A
}
```

Border

The CSS property to change the border of an element to Hex 630A3A 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".

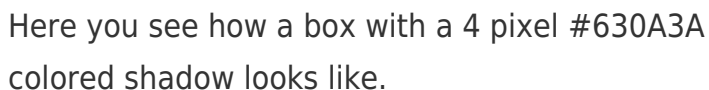
```
.border, #border, table{ border:4px solid
#630A3A }
```

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

```
.border{ border-color:#630A3A }
```

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

Here you see how a box with a 4 pixel #630A3A colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630A3A; -webkit-box-shadow:4px 4px  
4px 4px #630A3A; box-shadow:4px 4px 4px  
4px #630A3A }
```

Background

The CSS property to change the background color of an element to Hex 630A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630A3A }
```

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

```
.background{ background-color:#630A3A }
```

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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