

# Converting Colors

Hex(630D55)

Have a look what the booklet for  
Hex(630D55) contains.

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# Color

**Hex(630D55)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	630D55
RGB	99, 13, 85
RGB Percent	39%, 5%, 33%
CMY	0.6118, 0.9490, 0.6667
CMYK	0.00, 0.87, 0.14, 0.61
HSL	310°, 77%, 22%
HSV	310°, 87%, 39%
XYZ	6.9292, 3.5964, 8.9233
YIQ	46.9220, 28.1440, 40.6240

# Conversions

## Conversions Part 2

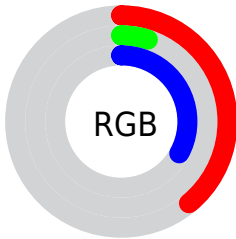
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 13, 85
Decimal	6491477
CIELab	22.29, 43.83, -20.86
CIElCh	22, 48.542, 334.554
Yxy	3.5964, 0.3563, 0.1849
Android (android.graphics.Color)	4284681557 (0xFF630D55)
YUV	46.9220, 18.7725, 45.6724
Hunter-Lab	18.9641, 32.0341, -14.6232

# Details

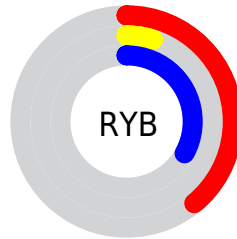
The Hex color **630D55** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0D631B**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **994587**, and **320028** is the 20% darker color. If you saturate the color by 10%, you get **630353**, and if you desaturate by 10%, it is **631757**.

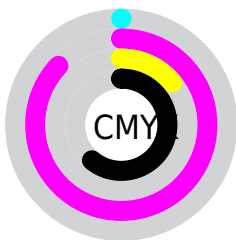
# Distribution



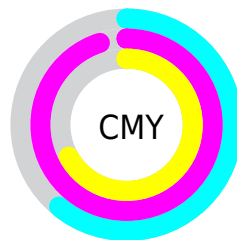
- Red (39%)
- Green (5%)
- Blue (33%)



- Red (39%)
- Yellow (5%)
- Blue (33%)



- Cyan (0%)
- Magenta (87%)
- Yellow (14%)
- Black (61%)



- Cyan (61%)
- Magenta (95%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 630D55 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 630D55 by changing the saturation by 10% instead.



 630D55

 630D55

FFFFFF

 49003E

 994587

 320028

 B45EA1

 110011

 D179BC

 000000

 EE93D8

 FFAFF5

 FFCBFF

 FFE7FF

 630D55

 630D55

■ 630353

■ 631757

■ 630053

■ 632158

■ 632B5A

■ 63355B

■ 633F5D

■ 63485F

■ 635260

■ 635C62

■ 636664

# Harmonies

## Analogous

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



382872



630D55



720032

# Triad

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



630D55



3E3600



00445E

# Complementary

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



630D55



0D631B

# 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.



00443A



630D55



173E00

# Square

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



630D55



5A2700



004213



004177

# Rectangle

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



630D55



71021A



004213



004453



# Sweetspot

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



630D55



805E7A



1A0D63



402C3D



BFBFBF



404040



# Same Dimension

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



630D55



80006B



630D2B



302C30



70005E



F000C9



# Inverse Universe

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



630D55



80006B



0D6345



302C30



70005E

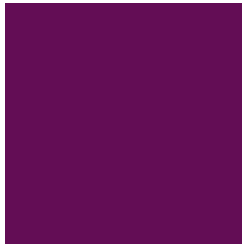


F000C9



# Previews

## White Background



This preview shows how the Hex color 630D55 looks on a white background.

## Color Contrast Check

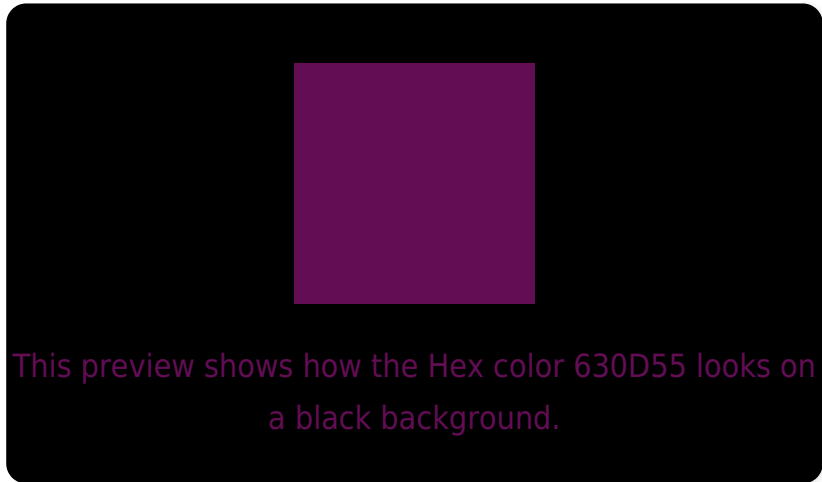
Large Text (above 18pt) WCAG AA ✓ Pass

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

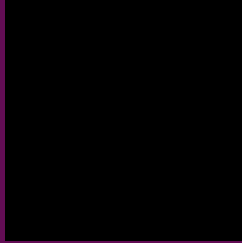
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 630D55 Background



This preview shows how black text looks on a background with the Hex color 630D55.



This preview shows how white text looks on a background with the Hex color 630D55.

# 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**  
630D55

**Protanopia**  
003672

**Deuteranopia**  
2E3750



**Tritanopia**  
5F2325

# Trichromacy



**Original Color**  
630D55

**Protanomaly**  
242767

**Deuteranomaly**  
412852

**Tritanomaly**  
601B36

# Monochromacy



**Original Color**  
630D55

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
42233D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 630D55 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 #630D55 looks like.

```
.text, #text, p{  
    color:#630D55  
}
```

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 #630D55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630D55  
}
```

## Border

The CSS property to change the border of an element to Hex 630D55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

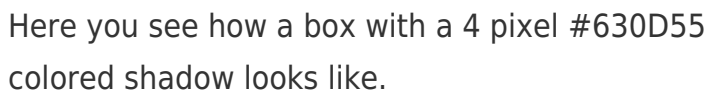
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#630D55 }
```

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

```
.border{ border-color:#630D55 }
```

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



Here you see how a box with a 4 pixel #630D55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630D55; -webkit-box-shadow:4px 4px  
4px 4px #630D55; box-shadow:4px 4px 4px  
4px #630D55 }
```

# Background

The CSS property to change the background color of an element to Hex 630D55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630D55 }
```

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

```
.background{ background-color:#630D55 }
```

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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