

# Converting Colors

Hex(630D51)

Have a look what the booklet for  
Hex(630D51) contains.

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# Color

**Hex(630D51)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	630D51
RGB	99, 13, 81
RGB Percent	39%, 5%, 32%
CMY	0.6118, 0.9490, 0.6824
CMYK	0.00, 0.87, 0.18, 0.61
HSL	313°, 77%, 22%
HSV	313°, 87%, 39%
XYZ	6.7747, 3.5346, 8.1098
YIQ	46.4660, 29.4280, 39.3800

# Conversions

## Conversions Part 2

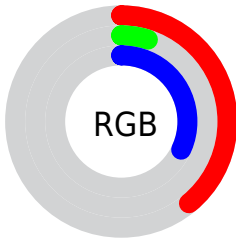
Format	Color
<a href="#">RYB</a>	<a href="#">99, 13, 81</a>
Decimal	<a href="#">6491473</a>
CIELab	<a href="#">22.07, 43.22, -18.51</a>
CIElCh	<a href="#">22, 47.018, 336.813</a>
Yxy	<a href="#">3.5346, 0.3678, 0.1919</a>
Android (android.graphics.Color)	<a href="#">4284681553 (0xFF630D51)</a>
YUV	<a href="#">46.4660, 17.0253, 46.0723</a>
Hunter-Lab	<a href="#">18.8005, 31.4213, -12.4150</a>

# Details

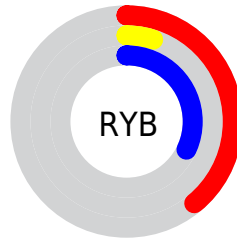
The Hex color **630D51** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0D631F**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **994483**, and **320024** is the 20% darker color. If you saturate the color by 10%, you get **63034F**, and if you desaturate by 10%, it is **631753**.

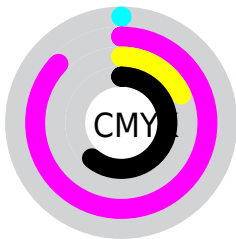
# Distribution



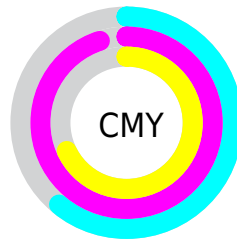
- Red (39%)
- Green (5%)
- Blue (32%)



- Red (39%)
- Yellow (5%)
- Blue (32%)



- Cyan (0%)
- Magenta (87%)
- Yellow (18%)
- Black (61%)



- Cyan (61%)
- Magenta (95%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 630D51 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 630D51 by changing the saturation by 10% instead.



630D51

630D51

FFFFFF

49003A

994483

320024

B45E9D

11000C

D178B8

000000

EE93D3

FFAEF0

FFCAFF

FFE7FF

630D51

630D51

■ 63034F

■ 631753

■ 63004E

■ 632155

■ 632B57

■ 633559

■ 633F5B

■ 63485D

■ 635260

■ 635C62

■ 636664

# Harmonies

## Analogous

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



3D276D



630D51



70002F

# Triad

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



630D51



3B3600



00435E

# Complementary

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



630D51



0D631F

# 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.



00433C



630D51



153E00

# Square

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



630D51



572800



004217



004076

# Rectangle

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



630D51



6E0818



004217



004354



# Sweetspot

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



630D51



805E79



1E0D63



402C3C



BFBFBF



404040



# Same Dimension

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



630D51



800065



630D27



302C2F



700059



F000BE



# Inverse Universe

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



630D51



800065



0D6349



302C2F



700059

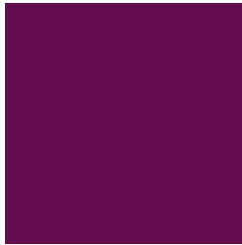


F000BE



# Previews

## White Background



This preview shows how the Hex color 630D51 looks on a white background.

## Color Contrast Check

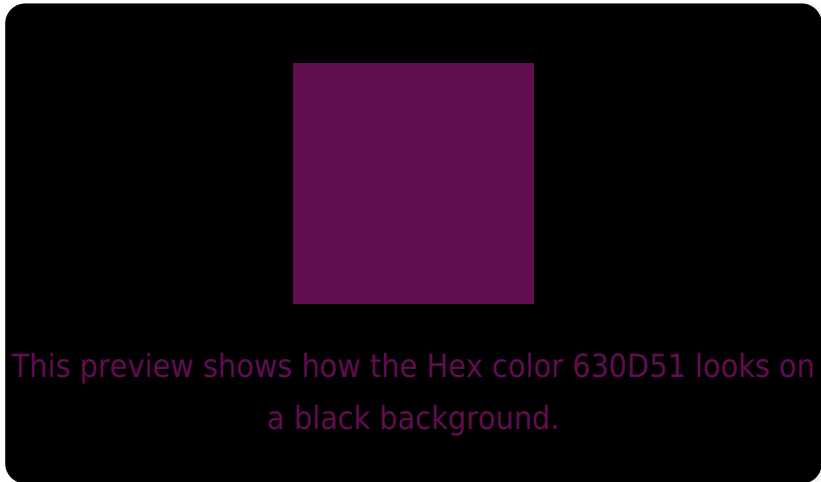
Large Text (above 18pt) WCAG AA ✓ Pass

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

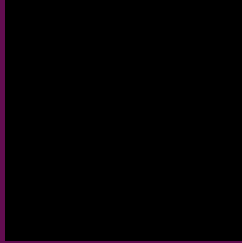
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 630D51 Background



This preview shows how black text looks on a background with the Hex color 630D51.

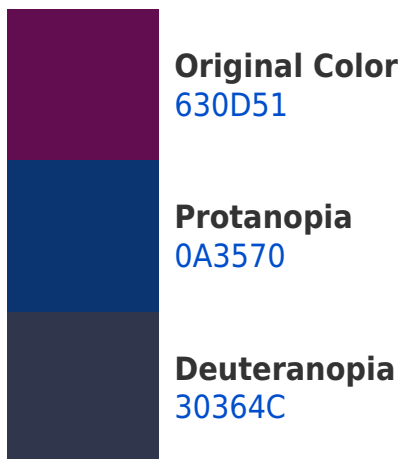


This preview shows how white text looks on a background with the Hex color 630D51.

# 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





**Tritanopia**  
5F2223

# Trichromacy



**Original Color**  
630D51

**Protanomaly**  
2A2665

**Deuteranomaly**  
43274E

**Tritanomaly**  
601A34

# Monochromacy



**Original Color**  
630D51

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
41223B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 630D51 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 #630D51 looks like.

```
.text, #text, p{  
    color:#630D51  
}
```

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 #630D51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630D51
}
```

## Border

The CSS property to change the border of an element to Hex 630D51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

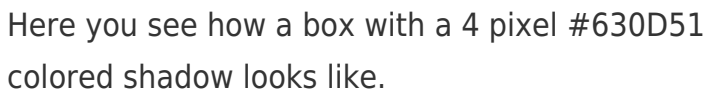
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#630D51 }
```

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

```
.border{ border-color:#630D51 }
```

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



Here you see how a box with a 4 pixel #630D51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630D51; -webkit-box-shadow:4px 4px  
4px 4px #630D51; box-shadow:4px 4px 4px  
4px #630D51 }
```

# Background

The CSS property to change the background color of an element to Hex 630D51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630D51 }
```

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

```
.background{ background-color:#630D51 }
```

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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