

Converting Colors

Hex(630D97)

Have a look what the booklet for
Hex(630D97) contains.

Hex(630D97)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(630D97)

Conversions

Conversions Part 1

Format	Color
Hex	630D97
RGB	99, 13, 151
RGB Percent	39%, 5%, 59%
CMY	0.6118, 0.9490, 0.4078
CMYK	0.34, 0.91, 0.00, 0.41
HSL	277°, 84%, 32%
HSV	277°, 91%, 59%
XYZ	10.8754, 5.1749, 29.7038
YIQ	54.4460, 6.9580, 61.1500

Conversions

Conversions Part 2

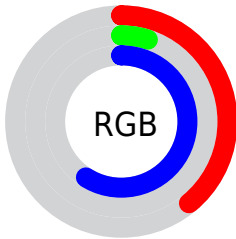
Format	Color
R_{YB}	99, 13, 151
Decimal	6491543
CIE _{Lab}	27.23, 56.41, -55.18
CIE _{LCh}	27, 78.916, 315.633
Yxy	5.1749, 0.2377, 0.1131
Android (android.graphics.Color)	4284681623 (0xFF630D97)
YUV	54.4460, 47.6011, 39.0739
Hunter-Lab	22.7483, 45.5270, -61.4946

Details

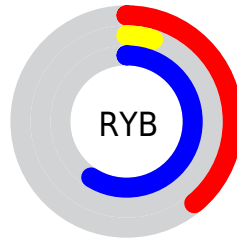
The Hex color **630D97** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **41970D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **9B49CE**, and **2A0063** is the 20% darker color. If you saturate the color by 10%, you get **5E0097**, and if you desaturate by 10%, it is **691C97**.

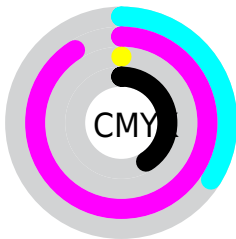
Distribution



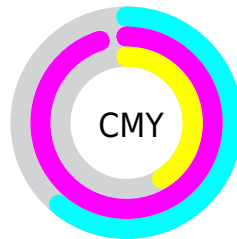
- Red (39%)
- Green (5%)
- Blue (59%)



- Red (39%)
- Yellow (5%)
- Blue (59%)



- Cyan (34%)
- Magenta (91%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (95%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 630D97 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 630D97 by changing the saturation by 10% instead.

630D97

630D97

FFFFFF

47007C

9B49CE

2A0063

B864EB

0C004A

D57EFF

000332

F29AFF

00021C

FFB6FF

000000

FFD2FF

FFEFFF

630D97

630D97

■ 5E0097

■ 691C97

■ 6E2B97

■ 743A97

■ 7A4997

■ 7F5997

■ 856897

■ 8B7797

■ 918697

■ 969597

Harmonies

Analogous

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



003FB9



630D97



970060

Triad

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



630D97



673300



005660

Complementary

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



630D97



41970D

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.



00541F



630D97



314800

Square

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



630D97



8D0000



005000



005698

Rectangle

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



630D97



A10038



005000



00554B

Sweetspot

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



630D97



B08FC4



0D4297



574463



E3E3E3



636363

Same Dimension

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



630D97



7A00C4



970D87



4A454D



57008C



08000D

Inverse Universe

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



970D41



C4004A



0D971D



4D4548



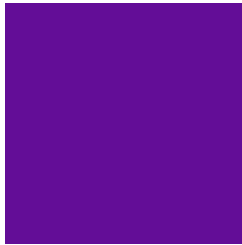
8C0035



0D0005

Previews

White Background



This preview shows how the Hex color 630D97 looks on a white background.

Color Contrast Check

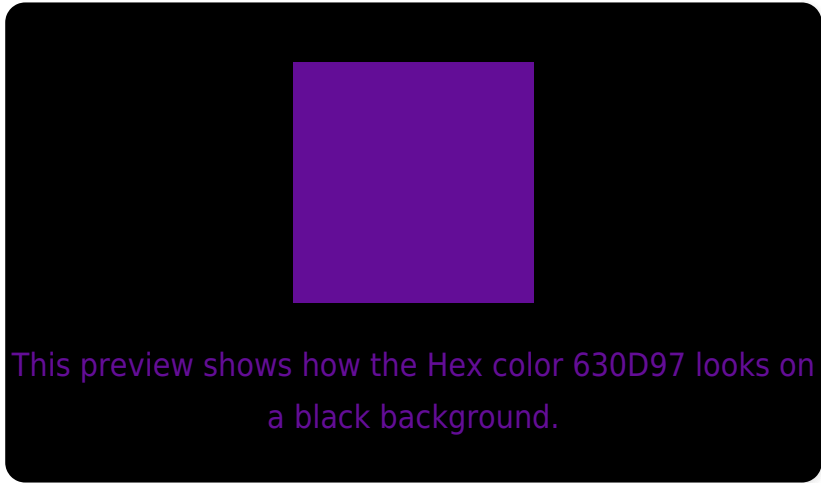
Large Text (above 18pt) WCAG AA ✓ Pass

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

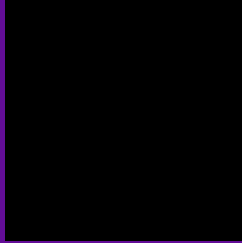
Any Text WCAG AA × Fail

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 630D97 Background



This preview shows how black text looks on a background with the Hex color 630D97.



This preview shows how white text looks on a background with the Hex color 630D97.

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
630D97

Protanopia
004087

Deuteranopia
004474



Tritanopia
533C40

Trichromacy



Original Color
630D97



Protanomaly
242D8D



Deuteranomaly
243081



Tritanomaly
592B60

Monochromacy



Original Color
630D97



Achromatopsia
363636



Achromatomaly
462759

CSS Examples

Text

The CSS property to change the color of the text to Hex 630D97 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 #630D97 looks like.

```
.text, #text, p{  
    color:#630D97  
}
```

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 #630D97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630D97
}
```

Border

The CSS property to change the border of an element to Hex 630D97 is called "border". The border property can be set on classes, ids or directly on the HTML element.

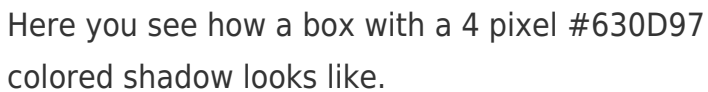
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#630D97 }
```

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

```
.border{ border-color:#630D97 }
```

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



Here you see how a box with a 4 pixel #630D97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630D97; -webkit-box-shadow:4px 4px  
4px 4px #630D97; box-shadow:4px 4px 4px  
4px #630D97 }
```

Background

The CSS property to change the background color of an element to Hex 630D97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630D97 }
```

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

```
.background{ background-color:#630D97 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor