

Converting Colors

Hex(630F87)

Have a look what the booklet for
Hex(630F87) contains.

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Color

Hex(630F87)

Conversions

Conversions Part 1

Format	Color
Hex	630F87
RGB	99, 15, 135
RGB Percent	39%, 6%, 53%
CMY	0.6118, 0.9412, 0.4706
CMYK	0.27, 0.89, 0.00, 0.47
HSL	282°, 80%, 29%
HSV	282°, 89%, 53%
XYZ	9.6896, 4.7436, 23.3266
YIQ	53.7960, 11.5440, 55.1280

Conversions

Conversions Part 2

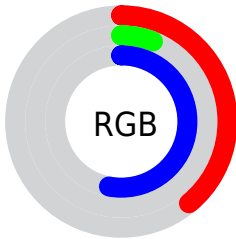
Format	Color
R_{YB}	99, 15, 135
Decimal	6492039
CIE _{Lab}	25.99, 52.58, -47.27
CIE _{LCh}	26, 70.705, 318.041
Yxy	4.7436, 0.2566, 0.1256
Android (android.graphics.Color)	4284682119 (0xFF630F87)
YUV	53.7960, 40.0336, 39.6439
Hunter-Lab	21.7797, 41.2984, -48.2551

Details

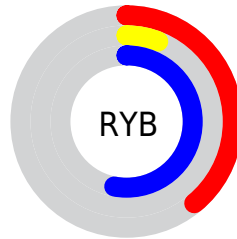
The Hex color **630F87** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **33870F**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **9A49BD**, and **2D0054** is the 20% darker color. If you saturate the color by 10%, you get **5F0287**, and if you desaturate by 10%, it is **671D87**.

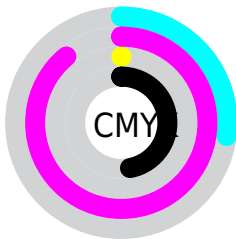
Distribution



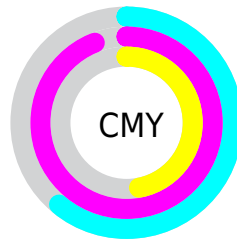
- Red (39%)
- Green (6%)
- Blue (53%)



- Red (39%)
- Yellow (6%)
- Blue (53%)



- Cyan (27%)
- Magenta (89%)
- Yellow (0%)
- Black (47%)



- Cyan (61%)
- Magenta (94%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 630F87 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 630F87 by changing the saturation by 10% instead.

 630F87

 630F87

FFFFFF

 48006D


 9A49BD

 2D0054

 B663D9

 13003C

 D37EF6

 000225

 F099FF

 00010E

 FF55FF

 000000

 FFD1FF

 FFEEFF

 630F87

 630F87

■ 5F0287

■ 671D87

■ 5F0087

■ 6B2A87

■ 6F3887

■ 734587

■ 775387

■ 7B6087

■ 7F6E87

■ 837B87

■ 878987

Harmonies

Analogous

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



003AA7



630F87



8D0055

Triad

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



630F87



5E3400



00515E

Complementary

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



630F87



33870F

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.



005025



630F87



2D4500

Square

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



630F87



810400



004D00



00518E

Rectangle

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



630F87



950032



004D00



00514B

Sweetspot

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



630F87



A280B0



0F3387



513D59



D9D9D9



595959

Same Dimension

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



630F87



7B00B0



870F6F



403C42



5B0082



020003

Inverse Universe

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



870F33



B00035



0F8727



423C3E



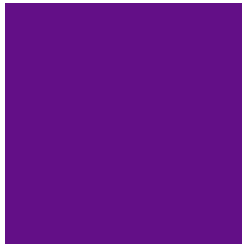
820027



030001

Previews

White Background



This preview shows how the Hex color 630F87 looks on a white background.

Color Contrast Check

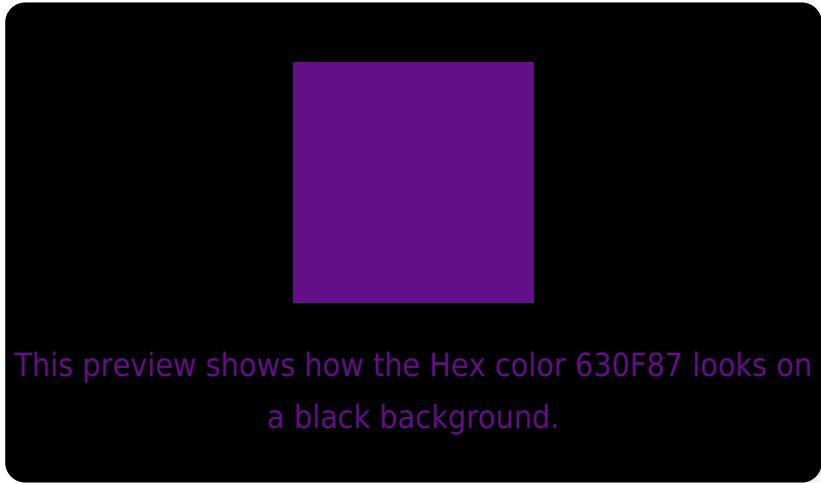
Large Text (above 18pt) WCAG AA ✓ Pass

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

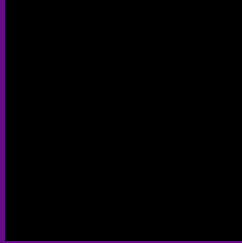
Any Text WCAG AA × Fail

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 630F87 Background



This preview shows how black text looks on a background with the Hex color 630F87.



This preview shows how white text looks on a background with the Hex color 630F87.

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
630F87

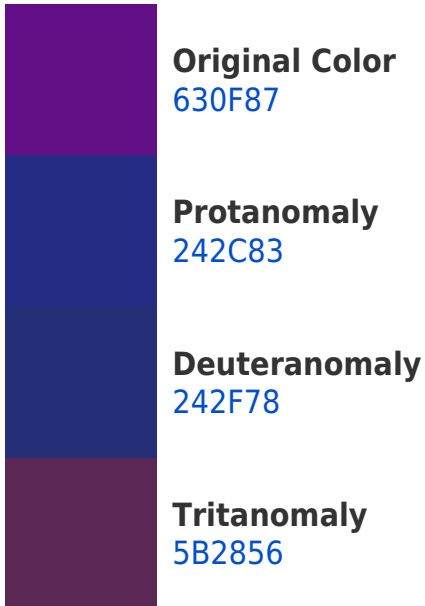
Protanopia
003D81

Deuteranopia
004170

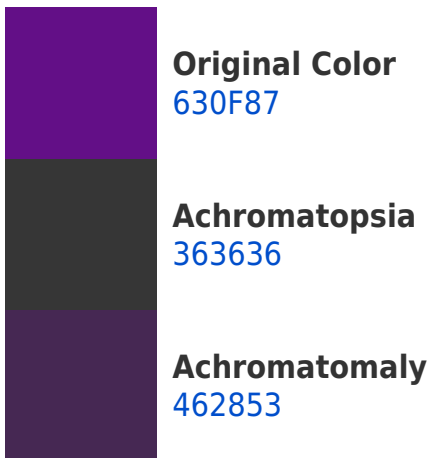


Tritanopia
57363A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 630F87 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 #630F87 looks like.

```
.text, #text, p{  
    color:#630F87  
}
```

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 #630F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630F87
}
```

Border

The CSS property to change the border of an element to Hex 630F87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

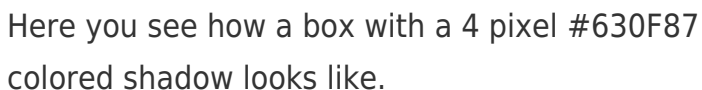
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#630F87 }
```

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

```
.border{ border-color:#630F87 }
```

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



Here you see how a box with a 4 pixel #630F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630F87; -webkit-box-shadow:4px 4px  
4px 4px #630F87; box-shadow:4px 4px 4px  
4px #630F87 }
```

Background

The CSS property to change the background color of an element to Hex 630F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630F87 }
```

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

```
.background{ background-color:#630F87 }
```

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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