

# Converting Colors

Hex(620982)

Have a look what the booklet for  
Hex(620982) contains.

<b>Hex(620982)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(620982)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	620982
RGB	98, 9, 130
RGB Percent	38%, 4%, 51%
CMY	0.6157, 0.9647, 0.4902
CMYK	0.25, 0.93, 0.00, 0.49
HSL	284°, 87%, 27%
HSV	284°, 93%, 51%
XYZ	9.1640, 4.4038, 21.4861
YIQ	49.4050, 14.2030, 56.4990

# Conversions

## Conversions Part 2

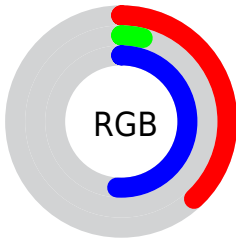
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 9, 130
Decimal	6424962
CIELab	24.96, 52.70, -45.81
CIElCh	25, 69.832, 319.003
Yxy	4.4038, 0.2614, 0.1256
Android (android.graphics.Color)	4284615042 (0xFF620982)
YUV	49.4050, 39.7333, 42.6178
Hunter-Lab	20.9851, 41.2249, -46.0159

# Details

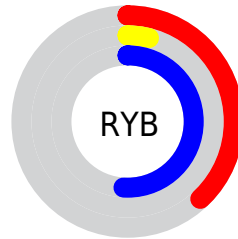
The Hex color **620982** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **298209**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **9946B8**, and **2D0050** is the 20% darker color. If you saturate the color by 10%, you get **600082**, and if you desaturate by 10%, it is **651682**.

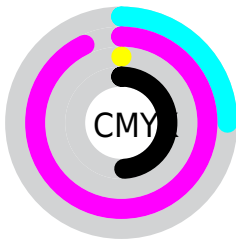
# Distribution



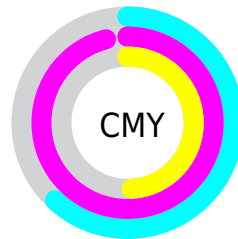
- Red (38%)
- Green (4%)
- Blue (51%)



- Red (38%)
- Yellow (4%)
- Blue (51%)



- Cyan (25%)
- Magenta (93%)
- Yellow (0%)
- Black (49%)



- Cyan (62%)
- Magenta (96%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 620982 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 620982 by changing the saturation by 10% instead.



 620982

 620982

FFFFFF

 470068

 9946B8

 2D0050

 B560D4

 120038

 D27AF0

 000221

 EF96FF

 000006

 FFB1FF

 000000

 FFCEFF

 FFEAFF

 620982

 620982

600082

651682

692382

6C3082

703D82

734A82

775782

7A6482

7E7182

817E82

# Harmonies

## Analogous

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



0037A2



620982



8A0051

# Triad

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



620982



593200



004F5D

# Complementary

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



620982



298209

# 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.



004D25



620982



294300

# Square

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



620982



7C0500



004A00



004E8C

# Rectangle

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



620982



91002F



004A00



004E4B



# Sweetspot

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



620982



9C79A8



092982



4D3854



D4D4D4



545454



# Same Dimension

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



620982



7C00A8



820966



3E3940



5E0080



000000



# Inverse Universe

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



820929



A8002D



098225



40393B



800022

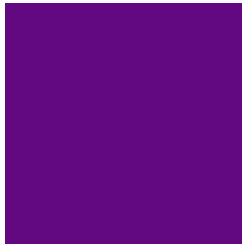


000000



# Previews

## White Background



This preview shows how the Hex color 620982 looks on a white background.

## Color Contrast Check

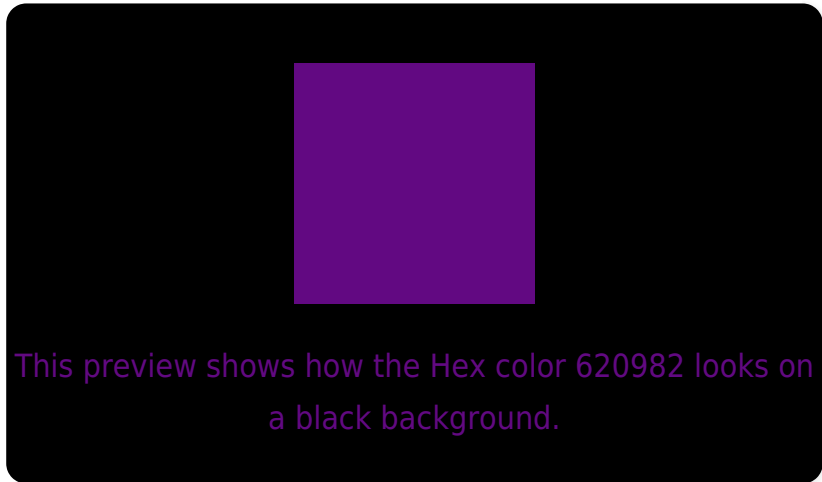
Large Text (above 18pt) WCAG AA ✓ Pass

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

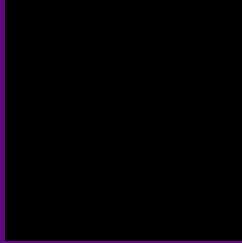
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 620982 Background



This preview shows how black text looks on a background with the Hex color 620982.



This preview shows how white text looks on a background with the Hex color 620982.

# 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**  
620982

**Protanopia**  
003C7D

**Deuteranopia**  
003F6D



**Tritanopia**  
563337

# Trichromacy



**Original Color**  
620982



**Protanomaly**  
24297F



**Deuteranomaly**  
242B75



**Tritanomaly**  
5A2452

# Monochromacy



**Original Color**  
620982



**Achromatopsia**  
313131



**Achromatomaly**  
43224E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 620982 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 #620982 looks like.

```
.text, #text, p{  
    color:#620982  
}
```

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 #620982 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #620982
}
```

## Border

The CSS property to change the border of an element to Hex 620982 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".

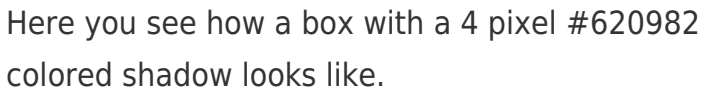
```
.border, #border, table{ border:4px solid
#620982 }
```

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

```
.border{ border-color:#620982 }
```

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

Here you see how a box with a 4 pixel #620982 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #620982; -webkit-box-shadow:4px 4px  
4px 4px #620982; box-shadow:4px 4px 4px  
4px #620982 }
```

# Background

The CSS property to change the background color of an element to Hex 620982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#620982 }
```

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

```
.background{ background-color:#620982 }
```

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