

# Converting Colors

Hex(690332)

Have a look what the booklet for  
Hex(690332) contains.

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# Color

**Hex(690332)**

# Conversions

## Conversions Part 1

Format	Color
Hex	690332
RGB	105, 3, 50
RGB Percent	41%, 1%, 20%
CMY	0.5882, 0.9882, 0.8039
CMYK	0.00, 0.97, 0.52, 0.59
HSL	332°, 94%, 21%
HSV	332°, 97%, 41%
XYZ	6.4340, 3.2987, 3.3152
YIQ	38.8560, 45.7050, 36.2410

# Conversions

## Conversions Part 2

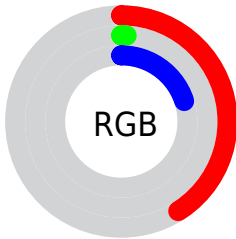
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 3, 50
Decimal	6882098
CIE Lab	21.20, 43.42, 1.69
CIE LCh	21, 43.453, 2.229
Yxy	3.2987, 0.4931, 0.2528
Android (android.graphics.Color)	4285072178 (0xFF690332)
YUV	38.8560, 5.4940, 58.0083
Hunter-Lab	18.1622, 31.4498, 1.8912

# Details

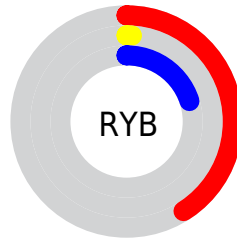
The Hex color **690332** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **03693A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **A13F60**, and **370002** is the 20% darker color. If you saturate the color by 10%, you get **690030**, and if you desaturate by 10%, it is **690D38**.

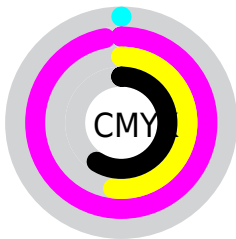
# Distribution



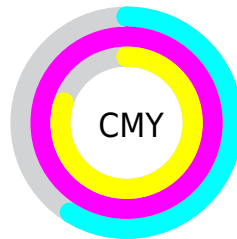
- Red (41%)
- Green (1%)
- Blue (20%)



- Red (41%)
- Yellow (1%)
- Blue (20%)



- Cyan (0%)
- Magenta (97%)
- Yellow (52%)
- Black (59%)



- Cyan (59%)
- Magenta (99%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 690332 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 690332 by changing the saturation by 10% instead.



 690332

 690332

FFFFFF

 4E001D

 A13F60

 370002

 BD5979

 0E0000

 DA7492

 000000

 F88EAD

 FFAAC8

 FFC6E4

 FFE2FF

 690332

 690332

■ 690030

■ 690D38

■ 69183D

■ 692343

■ 692D49

■ 69384E

■ 694254

■ 694D5A

■ 69575F

■ 696265

# Harmonies

## Analogous

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



5A1551



690332



661213

# Triad

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



690332



1E3A00



003E6C

# Complementary

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



690332



03693A

# 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.



004055



690332



003F12

# Square

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



690332



3E3200



004035



003774

# Rectangle

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



690332



5D1F00



004035



003F66



# Sweetspot

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



690332



8A6274



390369



452D38



C4C4C4



454545



# Same Dimension

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



690332



8A003F



690603



363033



750036



F50071



# Inverse Universe

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



690332



8A003F



036669



363033



750036

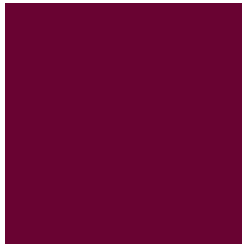


F50071



# Previews

## White Background



This preview shows how the Hex color 690332 looks on a white background.

## Color Contrast Check

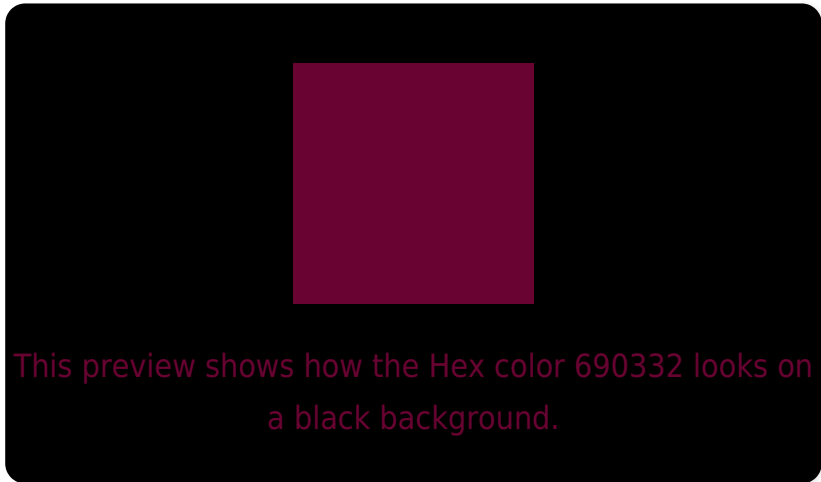
Large Text (above 18pt) WCAG AA ✓ Pass

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

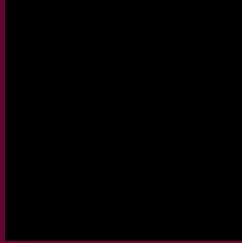
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 690332 Background



This preview shows how black text looks on a background with the Hex color 690332.



This preview shows how white text looks on a background with the Hex color 690332.

# 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**  
690332

**Protanopia**  
313648

**Deuteranopia**  
3F342E



**Tritanopia**  
681414

# Trichromacy



**Original Color**  
690332

**Protanomaly**  
452340

**Deuteranomaly**  
4E222F

**Tritanomaly**  
680E1F

# Monochromacy



**Original Color**  
690332

**Achromatopsia**  
272727

**Achromatomaly**  
3F1A2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 690332 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 #690332 looks like.

```
.text, #text, p{  
    color:#690332  
}
```

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 #690332 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #690332
}
```

## Border

The CSS property to change the border of an element to Hex 690332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

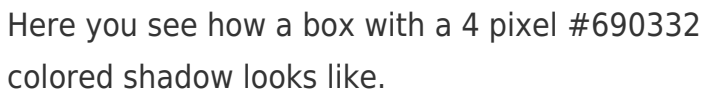
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#690332 }
```

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

```
.border{ border-color:#690332 }
```

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



Here you see how a box with a 4 pixel #690332 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #690332; -webkit-box-shadow:4px 4px  
4px 4px #690332; box-shadow:4px 4px 4px  
4px #690332 }
```

# Background

The CSS property to change the background color of an element to Hex 690332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#690332 }
```

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

```
.background{ background-color:#690332 }
```

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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