

# Converting Colors

Hex(673072)

Have a look what the booklet for  
Hex(673072) contains.

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# Color

**Hex(673072)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	673072
RGB	103, 48, 114
RGB Percent	40%, 19%, 45%
CMY	0.5961, 0.8118, 0.5529
CMYK	0.10, 0.58, 0.00, 0.55
HSL	290°, 41%, 32%
HSV	290°, 58%, 45%
XYZ	9.6877, 6.2124, 16.6081
YIQ	71.9690, 11.5940, 32.1860

# Conversions

## Conversions Part 2

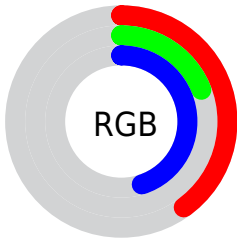
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	103, 48, 114
Decimal	6762610
CIELab	29.94, 35.53, -27.65
CIElCh	30, 45.024, 322.112
Yxy	6.2124, 0.2980, 0.1911
Android (android.graphics.Color)	4284952690 (0xFF673072)
YUV	71.9690, 20.7213, 27.2142
Hunter-Lab	24.9246, 25.7615, -22.0596

# Details

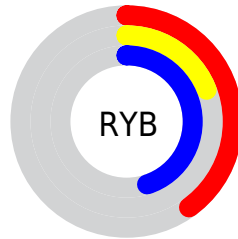
The Hex color **673072** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3B7230**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9C61A6**, and **350041** is the 20% darker color. If you saturate the color by 10%, you get **652572**, and if you desaturate by 10%, it is **693B72**.

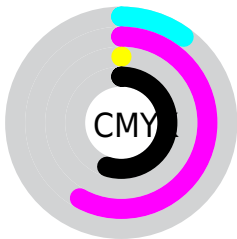
# Distribution



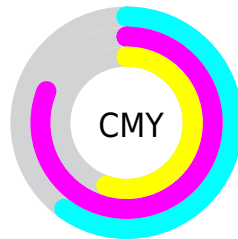
- Red (40%)
- Green (19%)
- Blue (45%)



- Red (40%)
- Yellow (19%)
- Blue (45%)



- Cyan (10%)
- Magenta (58%)
- Yellow (0%)
- Black (55%)



- Cyan (60%)
- Magenta (81%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 673072 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 673072 by changing the saturation by 10% instead.



 673072

 673072

FFFFFF

 4E1859

 9C61A6

 350041

 B77BC2

 23002B

 D395DE

 000115

 F0B0FA

 000000

 FFCCFF

 FFE8FF

 673072

 673072

 652572

 693B72

■ 631972

■ 6B4772

■ 610E72

■ 6D5272

■ 5F0272

■ 6F5E72

■ 5F0072

■ 716972

■ 727472

■ 748072

■ 768B72

■ 789772

# Harmonies

## Analogous

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



304188



673072



802151

# Triad

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



673072



5E4200



005660

# Complementary

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



673072



3B7230

# 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.



00563C



673072



3D4C00

# Square

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



673072



76320D



035318



00547D

# Rectangle

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



673072



841F3A



035318



005654



# Sweetspot

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



673072



907B94



303B72



473B4A



C9C9C9



4A4A4A



# Same Dimension

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



673072



832E94



72305C



373238



640078



CE00F7



# Inverse Universe

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



72303B



942E3F



307246



383233



780014

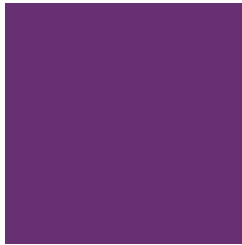


F70029



# Previews

## White Background



This preview shows how the Hex color 673072 looks on a white background.

## Color Contrast Check

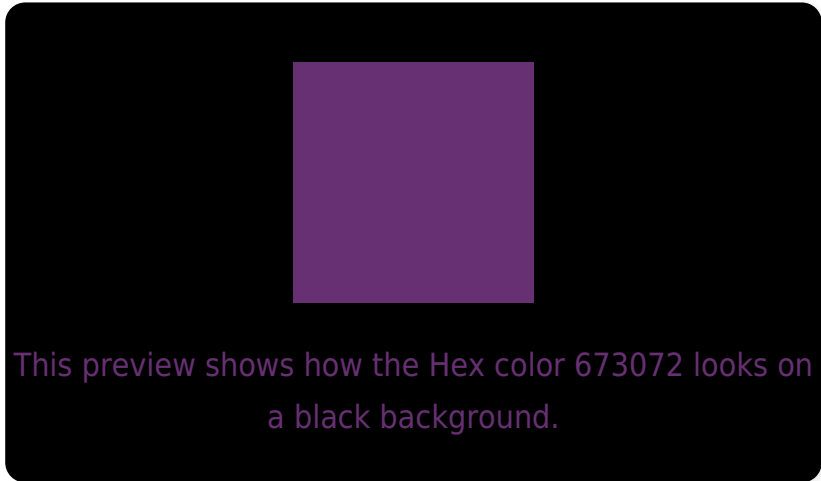
Large Text (above 18pt) WCAG AA ✓ Pass

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

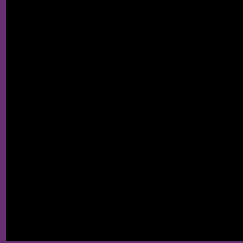
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 673072 Background



This preview shows how black text looks on a background with the Hex color 673072.



This preview shows how white text looks on a background with the Hex color 673072.

# 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**  
603D42

# Trichromacy



**Original Color**  
673072

**Protanomaly**  
3C3D7F

**Deuteranomaly**  
473F6F

**Tritanomaly**  
633853

# Monochromacy



**Original Color**  
673072

**Achromatopsia**  
484848

**Achromatomaly**  
533F57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 673072 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 #673072 looks like.

```
.text, #text, p{  
    color:#673072  
}
```

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 #673072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673072
}
```

## Border

The CSS property to change the border of an element to Hex 673072 is called "border". The border property can be set on classes, ids or directly on the HTML element.

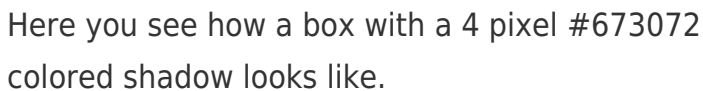
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#673072 }
```

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

```
.border{ border-color:#673072 }
```

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



Here you see how a box with a 4 pixel #673072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673072; -webkit-box-shadow:4px 4px  
4px 4px #673072; box-shadow:4px 4px 4px  
4px #673072 }
```

# Background

The CSS property to change the background color of an element to Hex 673072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673072 }
```

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

```
.background{ background-color:#673072 }
```

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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