

# Converting Colors

Hex(743072)

Have a look what the booklet for  
Hex(743072) contains.

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# Color

**Hex(743072)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	743072
RGB	116, 48, 114
RGB Percent	45%, 19%, 45%
CMY	0.5451, 0.8118, 0.5529
CMYK	0.00, 0.59, 0.02, 0.55
HSL	302°, 41%, 32%
HSV	302°, 59%, 45%
XYZ	11.2967, 7.0418, 16.6834
YIQ	75.8560, 19.3420, 34.9420

# Conversions

## Conversions Part 2

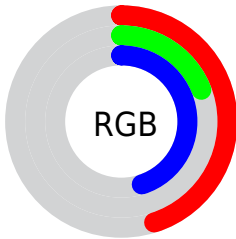
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 48, 114
Decimal	7614578
CIE <sub>Lab</sub>	31.90, 39.36, -24.43
CIE <sub>LCh</sub>	32, 46.326, 328.170
Yxy	7.0418, 0.3226, 0.2011
Android (android.graphics.Color)	4285804658 (0xFF743072)
YUV	75.8560, 18.8050, 35.2063
Hunter-Lab	26.5364, 29.5495, -18.7000

# Details

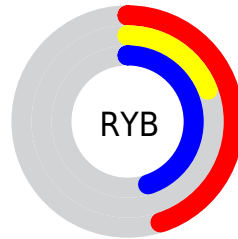
The Hex color **743072** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **307432**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **AA62A6**, and **410042** is the 20% darker color. If you saturate the color by 10%, you get **742472**, and if you desaturate by 10%, it is **743C72**.

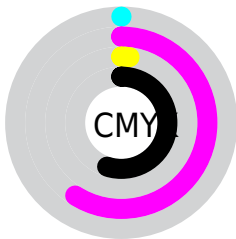
# Distribution



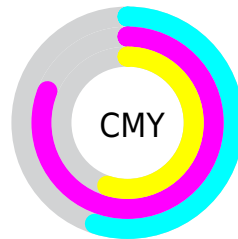
- Red (45%)
- Green (19%)
- Blue (45%)



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



- Cyan (0%)
- Magenta (59%)
- Yellow (2%)
- Black (55%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 743072 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 743072 by changing the saturation by 10% instead.



743072

743072

FFFFFF

5A1659

AA62A6

410042

C67CC1

2B002B

E297DD

000016

FFB2FA

000000

FFCEFF

FFEBFF

743072

743072

742472

743C72

■ 741971

■ 744773

■ 740D71

■ 745373

■ 740271

■ 745E73

■ 740071

■ 746A74

■ 747674

■ 748174

■ 748D75

■ 749875

# Harmonies

## Analogous

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



44428C



743072



89234F

# Triad

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



743072



5D4900



005B6D

# Complementary

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



743072



307432

# 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.



005B48



743072



3A5300

# Square

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



743072



793A08



005922



005889

# Rectangle

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



743072



8B2537



005922



005B61



# Sweetspot

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



743072



967B96



313074



4D3C4C



CCCCCC



4D4D4D



# Same Dimension

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



743072



962D93



743051



3B353A



7A0077



FA00F3



# Inverse Universe

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



743072



962D93



307453



3B353A



7A0077

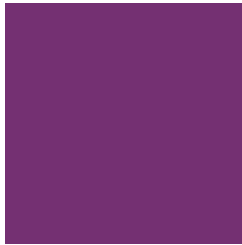


FA00F3



# Previews

## White Background



This preview shows how the Hex color 743072 looks on a white background.

## Color Contrast Check

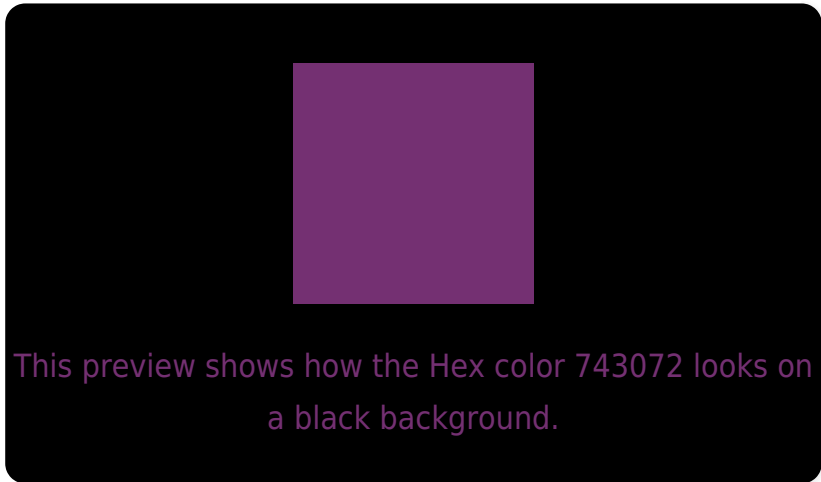
Large Text (above 18pt) WCAG AA ✓ Pass

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

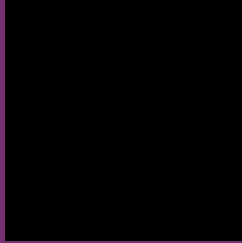
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 743072 Background



This preview shows how black text looks on a background with the Hex color 743072.



This preview shows how white text looks on a background with the Hex color 743072.

# 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**  
743072

**Protanopia**  
2D4A89

**Deuteranopia**  
3F4B6D



**Tritanopia**  
6E3D42

# Trichromacy



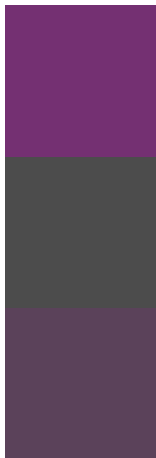
**Original Color**  
743072

**Protanomaly**  
474181

**Deuteranomaly**  
52416F

**Tritanomaly**  
703853

# Monochromacy



**Original Color**  
743072

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
5B425A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 743072 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 #743072 looks like.

```
.text, #text, p{  
    color:#743072  
}
```

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 #743072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #743072
}
```

## Border

The CSS property to change the border of an element to Hex 743072 is called "border". The border property can be set on classes, ids or directly on the HTML element.

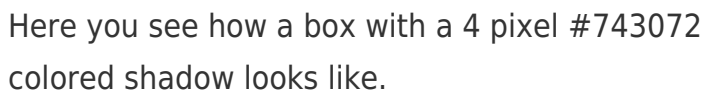
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#743072 }
```

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

```
.border{ border-color:#743072 }
```

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



Here you see how a box with a 4 pixel #743072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #743072; -webkit-box-shadow:4px 4px  
4px 4px #743072; box-shadow:4px 4px 4px  
4px #743072 }
```

# Background

The CSS property to change the background color of an element to Hex 743072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#743072 }
```

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

```
.background{ background-color:#743072 }
```

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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