

# Converting Colors

Hex(704DE3)

Have a look what the booklet for  
Hex(704DE3) contains.

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**Color**

**Hex(704DE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	704DE3
RGB	112, 77, 227
RGB Percent	44%, 30%, 89%
CMY	0.5608, 0.6980, 0.1098
CMYK	0.51, 0.66, 0.00, 0.11
HSL	254°, 73%, 60%
HSV	254°, 66%, 89%
XYZ	23.2011, 14.2986, 74.2101
YIQ	104.5650, -27.2900, 54.0700

# Conversions

## Conversions Part 2

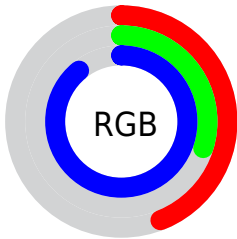
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	112, 77, 227
Decimal	7359971
CIE Lab	44.66, 51.03, -71.42
CIE LCh	45, 87.779, 305.542
Yxy	14.2986, 0.2077, 0.1280
Android (android.graphics.Color)	4285550051 (0xFF704DE3)
YUV	104.5650, 60.3605, 6.5205
Hunter-Lab	37.8134, 43.3483, -89.8892

# Details

The Hex color **704DE3** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **C0E34D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AC80FF**, and **2E1CAA** is the 20% darker color. If you saturate the color by 10%, you get **5F36E3**, and if you desaturate by 10%, it is **8164E3**.

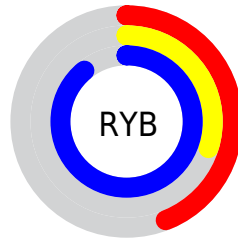
# Distribution



Red (44%)

Green (30%)

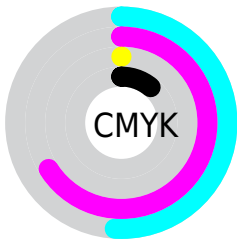
Blue (89%)



Red (44%)

Yellow (30%)

Blue (89%)

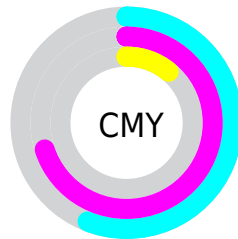


Cyan (51%)

Magenta (66%)

Yellow (0%)

Black (11%)



Cyan (56%)

Magenta (70%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 704DE3 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 704DE3 by changing the saturation by 10% instead.



704DE3

704DE3

FFFFFF

5134C6

AC80FF

2E1CAA

CA9BFF

00018F

E8B6FF

000075

FFD2FF

00005B

FFEFFF

000742

00032B


000115

000000

 704DE3

 704DE3

 5F36E3

 8164E3

 4D20E3

 937AE3

 3C09E3

 A491E3

 3500E3

 B6A8E3

 C7BEE3

 D8D5E3

 EAECE3

 FBFFE3

 FFFFE3

# Harmonies

## Analogous

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



0070FF



704DE3



C700A8

# Triad

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



704DE3



AF4D00



008676

# Complementary

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



704DE3



C0E34D

# 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.



008326



704DE3



756C00

# Square

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



704DE3



D70017



167B00



0086BE

# Rectangle

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



704DE3



DE0078



167B00



00855C



# Sweetspot

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



704DE3



D8CCFF



4DC0E3



686180



000000



808080



# Same Dimension

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



704DE3



6536FF



BB4DE3



6A6773



2A00B3



0C0033



# Inverse Universe

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



E34DC0



FF36D0



75E34D



736770



B30089

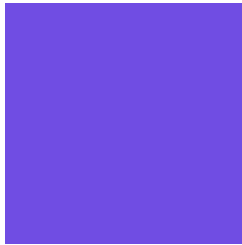


330027



# Previews

## White Background



This preview shows how the Hex color 704DE3 looks on a white background.

## Color Contrast Check

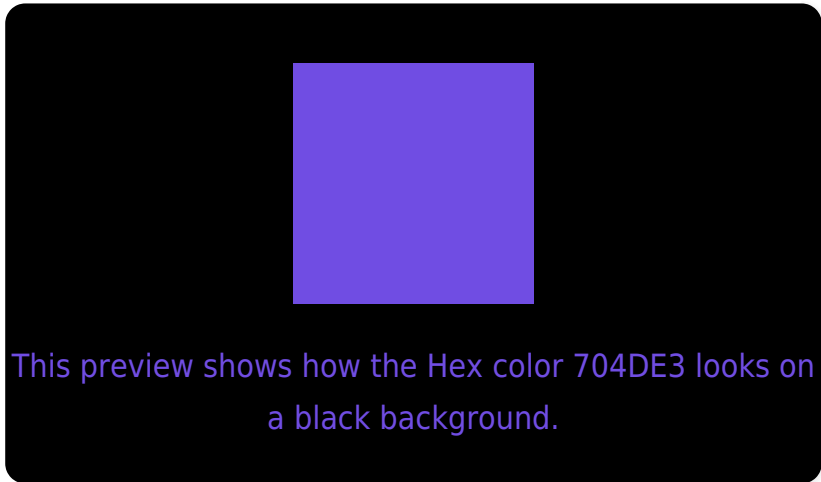
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

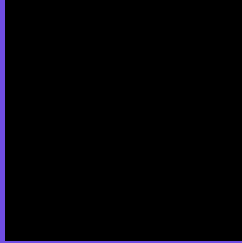
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 704DE3 Background



This preview shows how black text looks on a background with the Hex color 704DE3.



This preview shows how white text looks on a background with the Hex color 704DE3.

# 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](#).

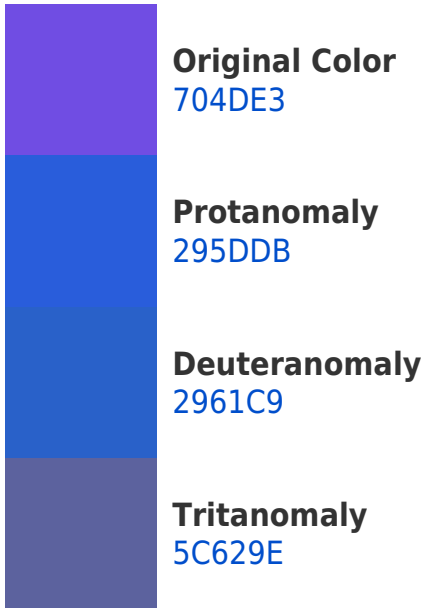
## Dichromacy





**Tritanopia**  
506E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 704DE3 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 #704DE3 looks like.

```
.text, #text, p{  
    color:#704DE3  
}
```

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 #704DE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #704DE3
}
```

## Border

The CSS property to change the border of an element to Hex 704DE3 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
#704DE3 }
```

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

```
.border{ border-color:#704DE3 }
```

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

Here you see how a box with a 4 pixel #704DE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #704DE3; -webkit-box-shadow:4px 4px  
4px 4px #704DE3; box-shadow:4px 4px 4px  
4px #704DE3 }
```

# Background

The CSS property to change the background color of an element to Hex 704DE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#704DE3 }
```

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

```
.background{ background-color:#704DE3 }
```

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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