

Converting Colors

Hex(764DBD)

Have a look what the booklet for
Hex(764DBD) contains.

Hex(764DBD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(764DBD)

Conversions

Conversions Part 1

Format	Color
Hex	764DBD
RGB	118, 77, 189
RGB Percent	46%, 30%, 74%
CMY	0.5373, 0.6980, 0.2588
CMYK	0.38, 0.59, 0.00, 0.26
HSL	262°, 46%, 52%
HSV	262°, 59%, 74%
XYZ	19.3104, 12.8334, 49.6034
YIQ	102.0270, -11.5160, 43.5240

Conversions

Conversions Part 2

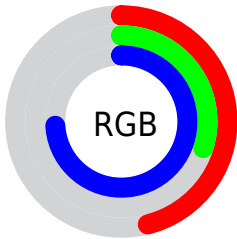
Format	Color
R _{YB}	118, 77, 189
Decimal	7753149
CIE _{Lab}	42.51, 41.73, -53.01
CIE _{LCh}	43, 67.467, 308.213
Yxy	12.8334, 0.2362, 0.1570
Android (android.graphics.Color)	4285943229 (0xFF764DBD)
YUV	102.0270, 42.8777, 14.0083
Hunter-Lab	35.8238, 33.5268, -57.0193

Details

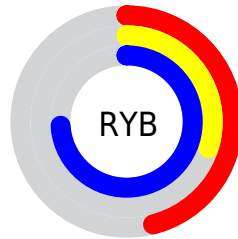
The Hex color **764DBD** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **94BD4D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AE80F6**, and **3F1D87** is the 20% darker color. If you saturate the color by 10%, you get **6A3ABD**, and if you desaturate by 10%, it is **8260BD**.

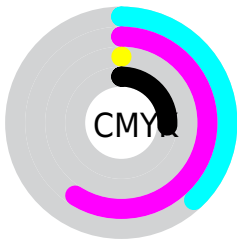
Distribution



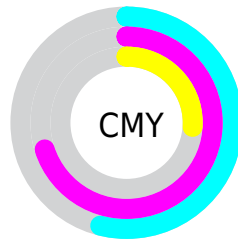
- Red (46%)
- Green (30%)
- Blue (74%)



- Red (46%)
- Yellow (30%)
- Blue (74%)



- Cyan (38%)
- Magenta (59%)
- Yellow (0%)
- Black (26%)



- Cyan (54%)
- Magenta (70%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 764DBD 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 764DBD by changing the saturation by 10% instead.

764DBD

764DBD

FFFFFF

5A35A2

AE80F6

3F1D87

CB9AFF

20036D

E8B5FF

000054

FFD1FF

00003C

FFEEFF

000225

00010D

000000

764DBD

764DBD

6A3ABD

8260BD

5E27BD

8E73BD

5214BD

9A86BD

4601BD

A699BD

4500BD

B2ABBD

BEBEBD

CAD1BD

D6E4BD

E2F7BD

Harmonies

Analogous

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



0067D4



764DBD



B0298F

Triad

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



764DBD



9A5200



007C73

Complementary

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



764DBD



94BD4D

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.



007A38



764DBD



6D6700

Square

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



764DBD



BA3222



2C7300



007BA9

Rectangle

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



764DBD



C1136A



2C7300



007B5F

Sweetspot

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



764DBD



D9C9F5



4D96BD



695F7A



FAFAFA



7A7A7A

Same Dimension

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



764DBD



8747F5



AC4DBD



58555E



3A009E



0B001F

Inverse Universe

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



BD4D94



F547B5



5EBD4D



5E555B



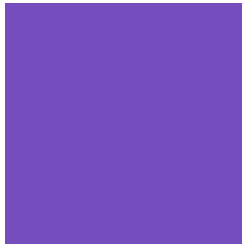
9E0064



1F0013

Previews

White Background



This preview shows how the Hex color 764DBD looks on a white background.

Color Contrast Check

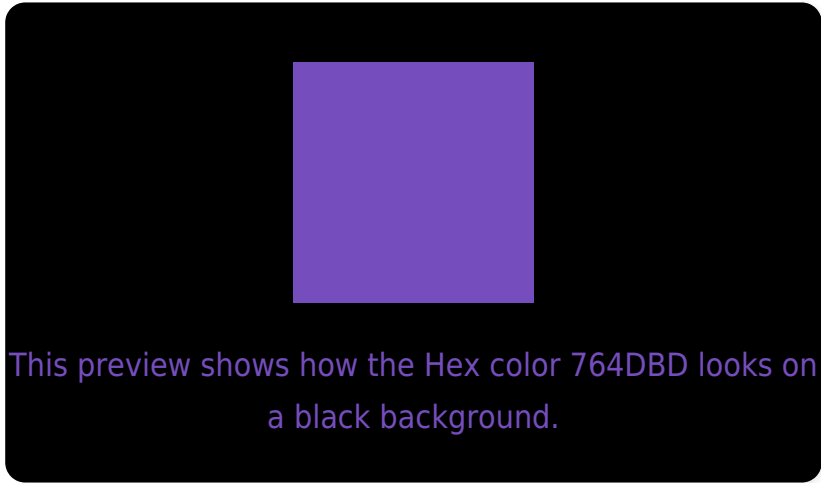
Large Text (above 18pt) WCAG AA ✓ Pass

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 764DBD Background



This preview shows how black text looks on a background with the Hex color 764DBD.



This preview shows how white text looks on a background with the Hex color 764DBD.

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](#).

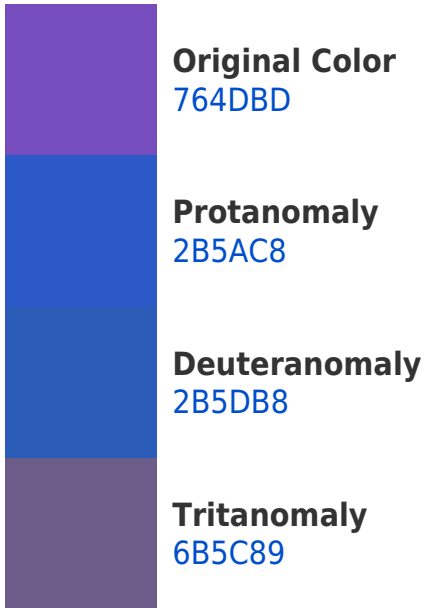
Dichromacy





Tritanopia
64646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 764DBD 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 #764DBD looks like.

```
.text, #text, p{  
    color:#764DBD  
}
```

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 #764DBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764DBD
}
```

Border

The CSS property to change the border of an element to Hex 764DBD 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
#764DBD }
```

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

```
.border{ border-color:#764DBD }
```

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

Here you see how a box with a 4 pixel #764DBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764DBD; -webkit-box-shadow:4px 4px  
4px 4px #764DBD; box-shadow:4px 4px 4px  
4px #764DBD }
```

Background

The CSS property to change the background color of an element to Hex 764DBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764DBD }
```

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

```
.background{ background-color:#764DBD }
```

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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