

# Converting Colors

Hex(7363BB)

Have a look what the booklet for  
Hex(7363BB) contains.

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# Color

**Hex(7363BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7363BB
RGB	115, 99, 187
RGB Percent	45%, 39%, 73%
CMY	0.5490, 0.6118, 0.2667
CMYK	0.39, 0.47, 0.00, 0.27
HSL	251°, 39%, 56%
HSV	251°, 47%, 73%
XYZ	20.5017, 16.1564, 49.0516
YIQ	113.8160, -18.7120, 30.7600

# Conversions

## Conversions Part 2

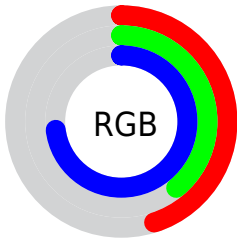
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	115, 99, 187
Decimal	7562171
CIE Lab	47.18, 27.54, -44.39
CIE LCh	47, 52.237, 301.815
Yxy	16.1564, 0.2392, 0.1885
Android (android.graphics.Color)	4285752251 (0xFF7363BB)
YUV	113.8160, 36.0797, 1.0384
Hunter-Lab	40.1950, 20.7038, -44.2176

# Details

The Hex color **7363BB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ABBB63**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AA96F4**, and **3D3485** is the 20% darker color. If you saturate the color by 10%, you get **6450BB**, and if you desaturate by 10%, it is **8276BB**.

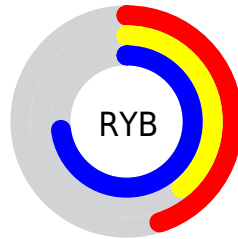
# Distribution



Red (45%)

Green (39%)

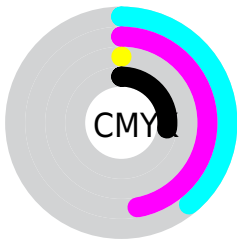
Blue (73%)



Red (45%)

Yellow (39%)

Blue (73%)

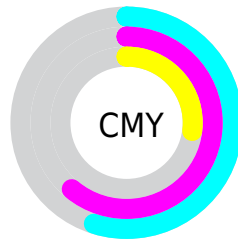


Cyan (39%)

Magenta (47%)

Yellow (0%)

Black (27%)



Cyan (55%)

Magenta (61%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7363BB 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 7363BB by changing the saturation by 10% instead.



■ 7363BB

■ 7363BB

FFFFFF

■ 584BA0

■ AA96F4

■ 3D3485

■ C6B1FF

■ 211E6B

■ E3CCFF

■ 000A53

■ FFE9FF

■ 00003B

■ 000224

■ 00000C

■ 000000

■ 7363BB

■ 7363BB

6450BB

8276BB

543EBB

9288BB

452BBB

A19BBB

3618BB

B0AEBB

2606BB

C0C1BB

2200BB

CFD3BB

DEE6BB

EDF9BB

FDFFB

# Harmonies

## Analogous

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



0074C8



7363BB



A74F9A

# Triad

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



7363BB



A65E1F



008471

# Complementary

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



7363BB



ABBB63

# 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.



008144



7363BB



836F06

# Square

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



7363BB



BB4C44



577B1C



00849D

# Rectangle

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



7363BB



B9467E



577B1C



008462



# Sweetspot

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



7363BB



D7D0F2



63ACBB



69667A



FAFAFA



7A7A7A



# Same Dimension

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



7363BB



836BF2



9E63BB



57555E



1D009E



06001F



# Inverse Universe

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



BB63AB



F26BDA



80BB63



5E555D



9E0081



1F0019



# Previews

## White Background



This preview shows how the Hex color 7363BB looks on a white background.

## Color Contrast Check

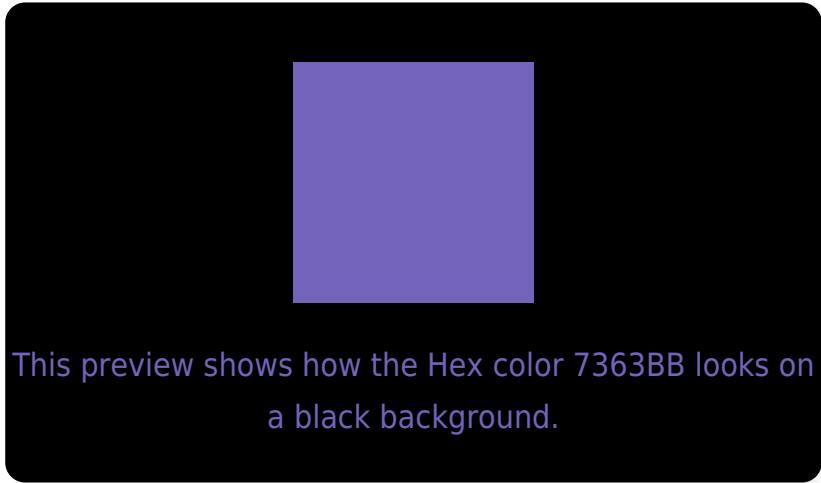
Large Text (above 18pt) WCAG AA ✓ Pass

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

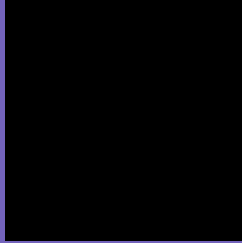
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7363BB Background



This preview shows how black text looks on a background with the Hex color 7363BB.

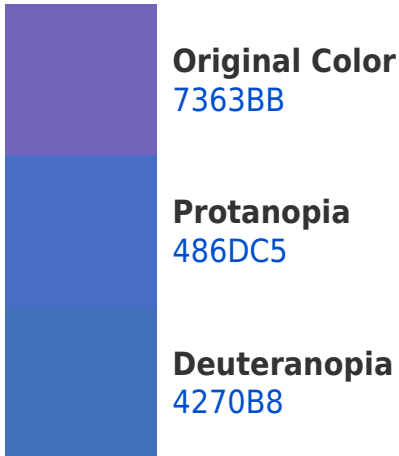


This preview shows how white text looks on a background with the Hex color 7363BB.

# 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](#).

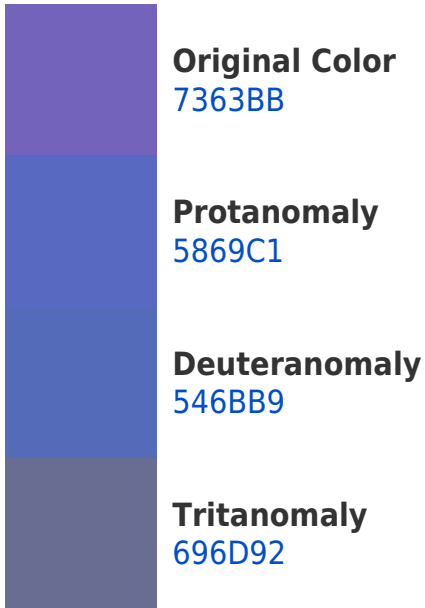
## Dichromacy



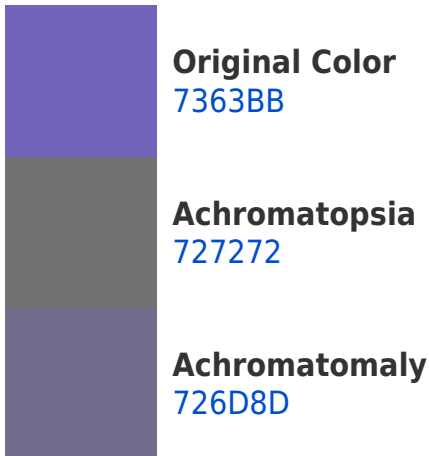


**Tritanopia**  
64727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7363BB 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 #7363BB looks like.

```
.text, #text, p{  
    color:#7363BB  
}
```

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 #7363BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7363BB
}
```

## Border

The CSS property to change the border of an element to Hex 7363BB 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
#7363BB }
```

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

```
.border{ border-color:#7363BB }
```

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

Here you see how a box with a 4 pixel #7363BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7363BB; -webkit-box-shadow:4px 4px  
4px 4px #7363BB; box-shadow:4px 4px 4px  
4px #7363BB }
```

# Background

The CSS property to change the background color of an element to Hex 7363BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7363BB }
```

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

```
.background{ background-color:#7363BB }
```

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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