

Converting Colors

Hex(7542BE)

Have a look what the booklet for
Hex(7542BE) contains.

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Color

Hex(7542BE)

Conversions

Conversions Part 1

Format	Color
Hex	7542BE
RGB	117, 66, 190
RGB Percent	46%, 26%, 75%
CMY	0.5412, 0.7412, 0.2549
CMYK	0.38, 0.65, 0.00, 0.25
HSL	265°, 49%, 50%
HSV	265°, 65%, 75%
XYZ	18.5786, 11.3960, 49.9357
YIQ	95.3850, -9.4080, 49.3760

Conversions

Conversions Part 2

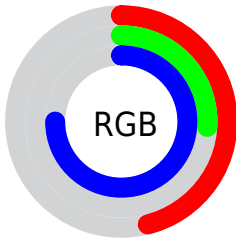
Format	Color
R_{YB}	117, 66, 190
Decimal	7684798
CIE Lab	40.24, 47.76, -57.27
CIE LCh	40, 74.573, 309.829
Yxy	11.3960, 0.2325, 0.1426
Android (android.graphics.Color)	4285874878 (0xFF7542BE)
YUV	95.3850, 46.6452, 18.9564
Hunter-Lab	33.7580, 39.1602, -64.0725

Details

The Hex color **7542BE** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8BBE42**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **AE75F7**, and **3C0E88** is the 20% darker color. If you saturate the color by 10%, you get **6A2FBE**, and if you desaturate by 10%, it is **8055BE**.

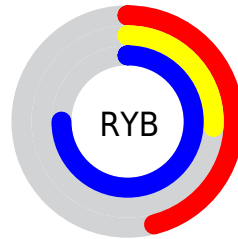
Distribution



Red (46%)

Green (26%)

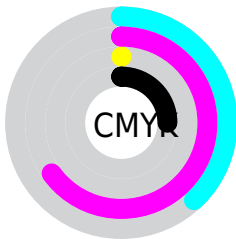
Blue (75%)



Red (46%)

Yellow (26%)

Blue (75%)

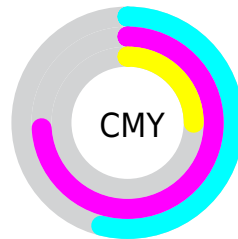


Cyan (38%)

Magenta (65%)

Yellow (0%)

Black (25%)



Cyan (54%)

Magenta (74%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7542BE 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 7542BE by changing the saturation by 10% instead.

7542BE

7542BE

FFFFFF

5929A2

AE75F7

3C0E88

CB8FFF

1C006D

E8ABFF

000055

FFC6FF

00013C

FFE3FF

000225

00010E

000000

7542BE

7542BE

6A2FBE

8055BE

5F1CBE

8B68BE

5309BE

977BBE

4E00BE

A28EBE

ADA1BE

B8B4BE

C3C7BE

CEDABE

DAEDBE

Harmonies

Analogous

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



0061D9



7542BE



B3008A

Triad

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



7542BE



954C00



007772

Complementary

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



7542BE



8BBE42

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.



007531



7542BE



626300

Square

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



7542BE



B82210



086F00



0077AD

Rectangle

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



7542BE



C30062



086F00



00775D

Sweetspot

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



7542BE



DAC6F7



428CBE



6B5F7D



FCFCFC



7D7D7D

Same Dimension

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



7542BE



8636F7



B242BE



59555E



41009E



0D001F

Inverse Universe

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



BE428B



F736A8



4EBE42



5E555A



9E005D



1F0012

Previews

White Background



This preview shows how the Hex color 7542BE looks on a white background.

Color Contrast Check

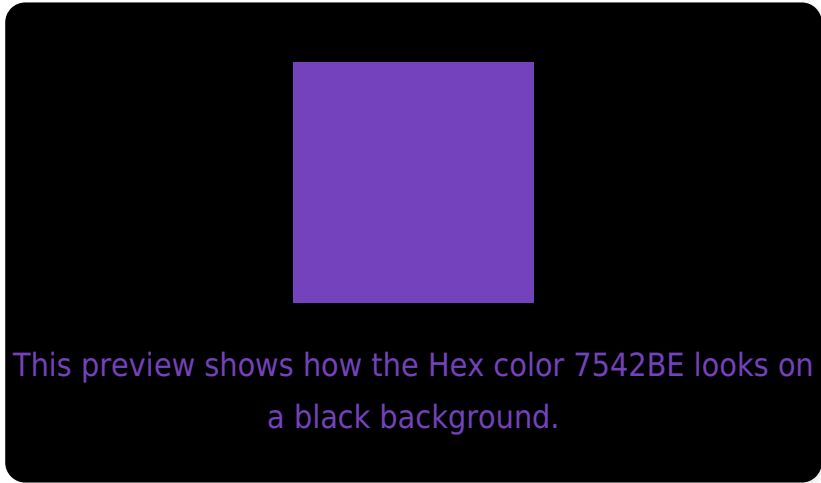
Large Text (above 18pt) WCAG AA ✓ Pass

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 7542BE Background



This preview shows how black text looks on a background with the Hex color 7542BE.

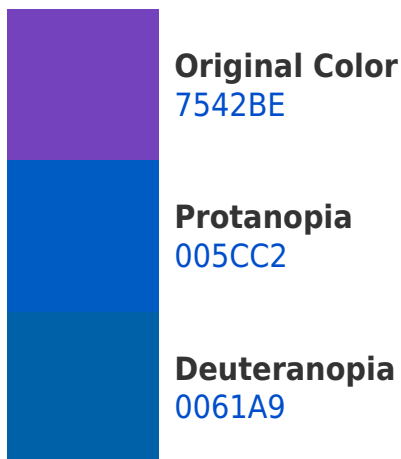



This preview shows how white text looks on a background with the Hex color 7542BE.

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
625D65

Trichromacy



Original Color
7542BE



Protanomaly
2B53C1



Deuteranomaly
2B56B1



Tritanomaly
695385

Monochromacy



Original Color
7542BE



Achromatopsia
5F5F5F



Achromatomaly
675482

CSS Examples

Text

The CSS property to change the color of the text to Hex 7542BE 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 #7542BE looks like.

```
.text, #text, p{  
    color:#7542BE  
}
```

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 #7542BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7542BE
}
```

Border

The CSS property to change the border of an element to Hex 7542BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

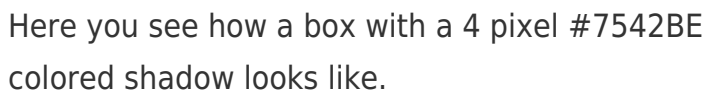
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7542BE }
```

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

```
.border{ border-color:#7542BE }
```

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



Here you see how a box with a 4 pixel #7542BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7542BE; -webkit-box-shadow:4px 4px  
4px 4px #7542BE; box-shadow:4px 4px 4px  
4px #7542BE }
```

Background

The CSS property to change the background color of an element to Hex 7542BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7542BE }
```

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

```
.background{ background-color:#7542BE }
```

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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