

Converting Colors

Hex(3745AD)

Have a look what the booklet for
Hex(3745AD) contains.

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Color

Hex(3745AD)

Conversions

Conversions Part 1

Format	Color
Hex	3745AD
RGB	55, 69, 173
RGB Percent	22%, 27%, 68%
CMY	0.7843, 0.7294, 0.3216
CMYK	0.68, 0.60, 0.00, 0.32
HSL	233°, 52%, 45%
HSV	233°, 68%, 68%
XYZ	11.2465, 8.0856, 40.5031
YIQ	76.6700, -41.7280, 29.3760

Conversions

Conversions Part 2

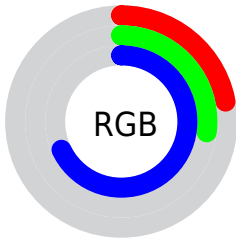
Format	Color
RYB	55, 68, 173
Decimal	3622317
CIELab	34.16, 29.26, -57.35
CIELCh	34, 64.386, 297.029
Yxy	8.0856, 0.1880, 0.1351
Android (android.graphics.Color)	4281812397 (0xFF3745AD)
YUV	76.6700, 47.4907, -19.0046
Hunter-Lab	28.4352, 20.8376, -64.5481

Details

The Hex color **3745AD** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AD9F37**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7475E5**, and **001A78** is the 20% darker color. If you saturate the color by 10%, you get **2636AD**, and if you desaturate by 10%, it is **4854AD**.

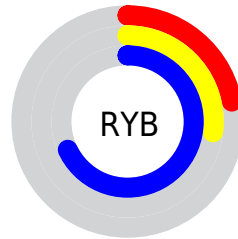
Distribution



 Red (22%)

 Green (27%)

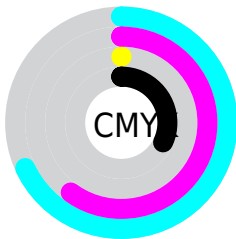
 Blue (68%)




 Red (22%)

 Yellow (27%)

 Blue (68%)

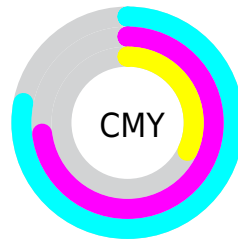


 Cyan (68%)

 Magenta (60%)

 Yellow (0%)

 Black (32%)



 Cyan (78%)

 Magenta (73%)

 Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3745AD 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 3745AD by changing the saturation by 10% instead.

■ 3745AD

■ 3745AD

FFFFFF

■ 092F92

■ 7475E5

■ 001A78

■ 918FFF

■ 00055E

■ AEA9FF

■ 000546

■ CBC4FF

■ 00042E

■ E9E0FF

■ 000119

■ FFFDFF

■ 000000

■ 3745AD

■ 3745AD

■ 2636AD

■ 4854AD

■ 1427AD

■ 5A63AD

■ 0317AD

■ 6B73AD

■ 0015AD

■ 7C82AD

■ 8E91AD

■ 9FA0AD

■ B0B0AD

■ C1BFAD

■ D3CEAD

Harmonies

Analogous

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



0059B8



3745AD



862389

Triad

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



3745AD



8D3400



00654A

Complementary

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



3745AD



AD9F37

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.



00620F



3745AD



674D00

Square

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



3745AD



A30626



355B00



00657E

Rectangle

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



3745AD



9E0069



355B00



006437

Sweetspot

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



3745AD



B4B9E0



37AD9D



555870



F0F0F0



707070

Same Dimension

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



3745AD



283EE0



6237AD



4E4F57



001296



000317

Inverse Universe

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



AD3745



E0283E



82AD37



574E4F



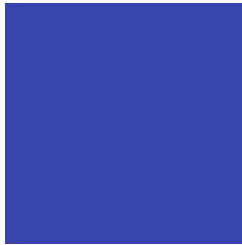
960012



170003

Previews

White Background



This preview shows how the Hex color 3745AD looks on a white background.

Color Contrast Check

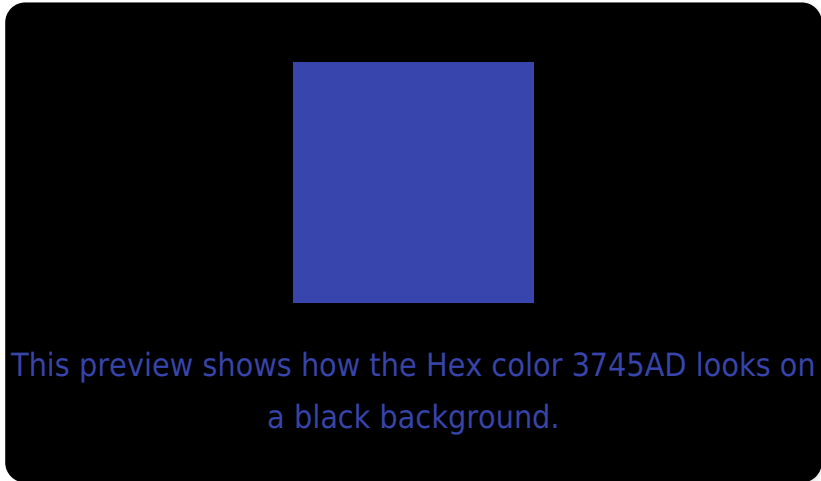
Large Text (above 18pt) WCAG AA ✓ Pass

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

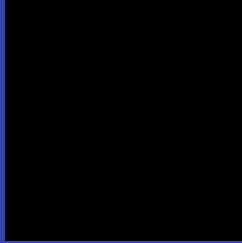
Any Text WCAG AA × Fail

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 3745AD Background



This preview shows how black text looks on a background with the Hex color 3745AD.



This preview shows how white text looks on a background with the Hex color 3745AD.

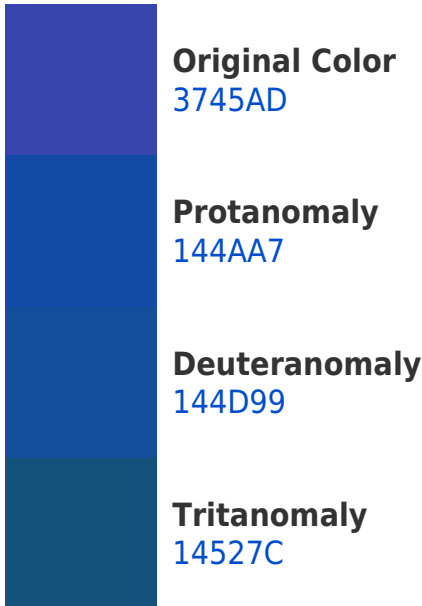
Color Blindness Simulation

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](#).

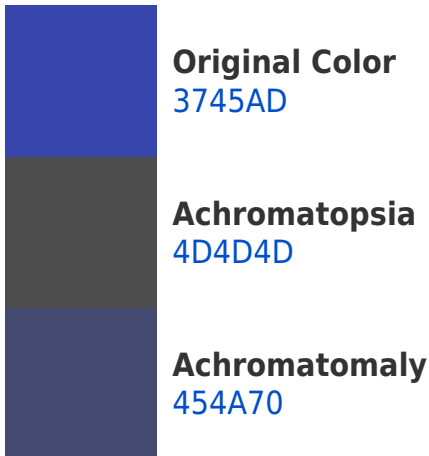
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3745AD 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 #3745AD looks like.

```
.text, #text, p{  
    color:#3745AD  
}
```

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 #3745AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3745AD }  
}
```

Border

The CSS property to change the border of an element to Hex 3745AD 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 #3745AD }  
}
```

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

```
.border{ border-color:#3745AD }
```

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

Here you see how a box with a 4 pixel #3745AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3745AD; -webkit-box-shadow:4px 4px  
4px 4px #3745AD; box-shadow:4px 4px 4px  
4px #3745AD }
```

Background

The CSS property to change the background color of an element to Hex 3745AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3745AD }
```

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

```
.background{ background-color:#3745AD }
```

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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