

Converting Colors

Hex(A75BD5)

Have a look what the booklet for
Hex(A75BD5) contains.

Hex(A75BD5)	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(A75BD5)

Conversions

Conversions Part 1

Format	Color
Hex	A75BD5
RGB	167, 91, 213
RGB Percent	65%, 36%, 84%
CMY	0.3451, 0.6431, 0.1647
CMYK	0.22, 0.57, 0.00, 0.16
HSL	277°, 59%, 60%
HSV	277°, 57%, 84%
XYZ	31.6877, 20.5018, 65.2379
YIQ	127.6320, 6.1340, 54.0540

Conversions

Conversions Part 2

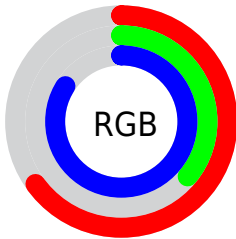
Format	Color
RYB	167, 91, 213
Decimal	10968021
CIELab	52.40, 51.87, -50.68
CIELCh	52, 72.519, 315.669
Yxy	20.5018, 0.2698, 0.1746
Android (android.graphics.Color)	4289158101 (0xFFA75BD5)
YUV	127.6320, 42.0864, 34.5257
Hunter-Lab	45.2789, 45.6823, -53.7300

Details

The Hex color **A75BD5** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **89D55B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **E190FF**, and **6F269E** is the 20% darker color. If you saturate the color by 10%, you get **9F46D5**, and if you desaturate by 10%, it is **AF70D5**.

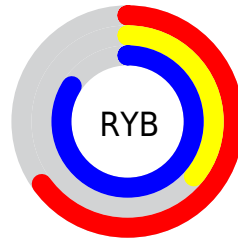
Distribution



Red (65%)

Green (36%)

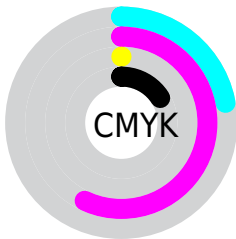
Blue (84%)



Red (65%)

Yellow (36%)

Blue (84%)

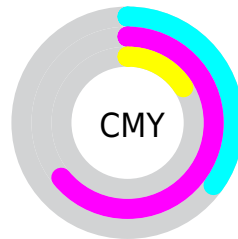


Cyan (22%)

Magenta (57%)

Yellow (0%)

Black (16%)



Cyan (35%)

Magenta (64%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color A75BD5 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 A75BD5 by changing the saturation by 10% instead.

 A75BD5

 A75BD5

FFFFFF

 8B41B9

 E190FF

 6F269E

 FEACFF

 540583

 FFC8FF

 390069

 FFE4FF

 1F0050

 000038

 000222

 000008

 000000

 A75BD5

 A75BD5

 9F46D5

 AF70D5

 9730D5

 B786D5

 8F1BD5

 BF9BD5

 8706D5

 C7B0D5

 8500D5

 CFC6D5

 D7DBD5

 DFF0D5

 E7FFD5

 EFFF D5

Harmonies

Analogous

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



057AF6



A75BD5



DC399E

Triad

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



A75BD5



B06F00



00989D

Complementary

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



A75BD5



89D55B

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.



00965C



A75BD5



798400

Square

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



A75BD5



D75123



249016



0096D5

Rectangle

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



A75BD5



E82F74



249016



009888

Sweetspot

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



A75BD5



EFD4FF



5B8AD5



766680



000000



808080

Same Dimension

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



A75BD5



BD4FFF



D55BC7



67606B



6A00AB



1B002B

Inverse Universe

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



D55B89



FF4F91



5BD569



6B6064



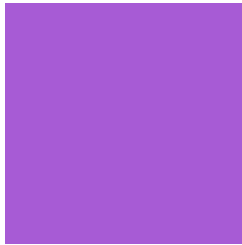
AB0040



2B0010

Previews

White Background



This preview shows how the Hex color A75BD5 looks on a white background.

Color Contrast Check

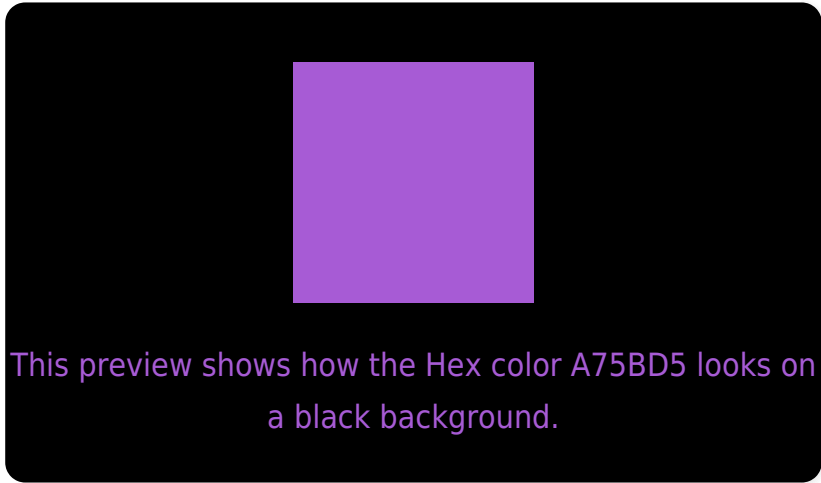
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

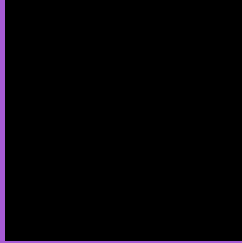
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex A75BD5 Background



This preview shows how black text looks on a background with the Hex color A75BD5.

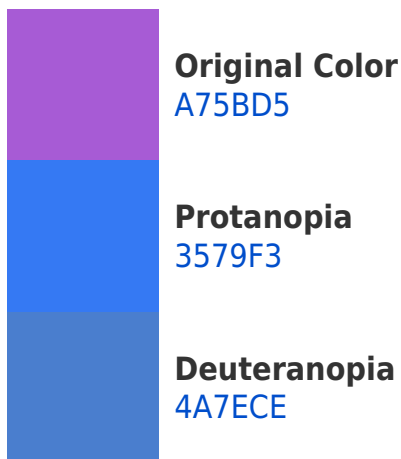



This preview shows how white text looks on a background with the Hex color A75BD5.

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](#).

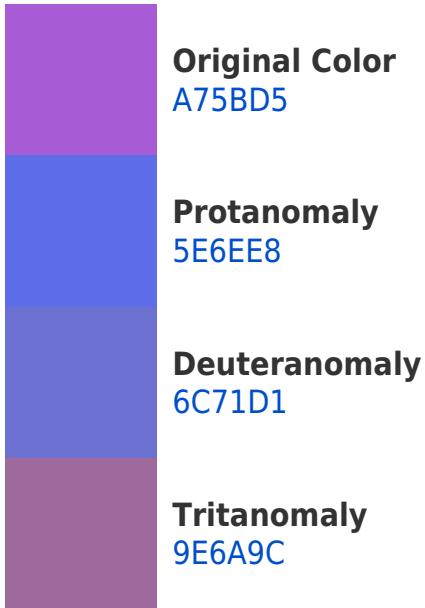
Dichromacy



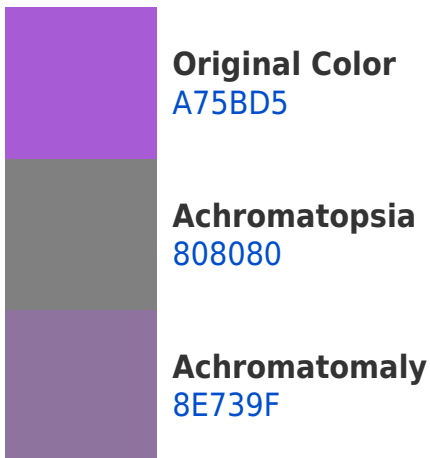


Tritanopia
99737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A75BD5 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 #A75BD5 looks like.

```
.text, #text, p{  
    color:#A75BD5  
}
```

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 #A75BD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A75BD5
}
```

Border

The CSS property to change the border of an element to Hex A75BD5 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
#A75BD5 }
```

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

```
.border{ border-color:#A75BD5 }
```

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

Here you see how a box with a 4 pixel #A75BD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A75BD5; -webkit-box-shadow:4px 4px  
4px 4px #A75BD5; box-shadow:4px 4px 4px  
4px #A75BD5 }
```

Background

The CSS property to change the background color of an element to Hex A75BD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A75BD5 }
```

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

```
.background{ background-color:#A75BD5 }
```

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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