

Converting Colors

Hex(A05DDF)

Have a look what the booklet for
Hex(A05DDF) contains.

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Color

Hex(A05DDF)

Conversions

Conversions Part 1

Format	Color
Hex	A05DDF
RGB	160, 93, 223
RGB Percent	63%, 36%, 87%
CMY	0.3725, 0.6353, 0.1255
CMYK	0.28, 0.58, 0.00, 0.13
HSL	271°, 67%, 62%
HSV	271°, 58%, 87%
XYZ	31.7308, 20.6300, 72.1216
YIQ	127.8530, -1.7980, 54.6340

Conversions

Conversions Part 2

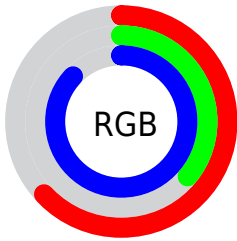
Format	Color
R _Y B	160, 93, 223
Decimal	10509791
CIE _{Lab}	52.54, 51.42, -56.16
CIE _{LCh}	53, 76.146, 312.473
Yxy	20.6300, 0.2549, 0.1657
Android (android.graphics.Color)	4288699871 (0xFFA05DDF)
YUV	127.8530, 46.9075, 28.1929
Hunter-Lab	45.4203, 45.2156, -62.3508

Details

The Hex color **A05DDF** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **9CDF5D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **DA92FF**, and **6829A7** is the 20% darker color. If you saturate the color by 10%, you get **9547DF**, and if you desaturate by 10%, it is **AB73DF**.

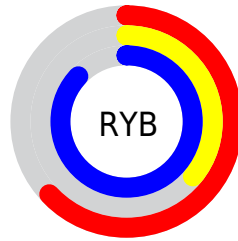
Distribution



Red (63%)

Green (36%)

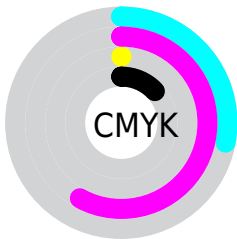
Blue (87%)



Red (63%)

Yellow (36%)

Blue (87%)

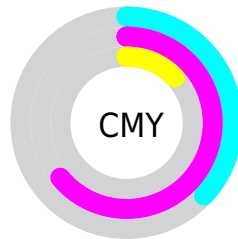


Cyan (28%)

Magenta (58%)

Yellow (0%)

Black (13%)



Cyan (37%)

Magenta (64%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color A05DDF 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 A05DDF by changing the saturation by 10% instead.

 A05DDF

 A05DDF

FFFFFF

 8443C3

 DA92FF

 6829A7

 F7ADFF

 4C0B8C

 FFC9FF

 2F0072

 FFE6FF

 100059

 000040

 000329

 000113

 000000

 A05DDF

 A05DDF

 9547DF

 AB73DF

 8A30DF

 B68ADF

 801ADF

 C0A0DF

 7504DF

 CBB6DF

 7300DF

 D6CDDF

 E1E3DF

 ECF9DF

 F6FFDF

 FFFFDF

Harmonies

Analogous

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



007DFF



A05DDF



DD35A6

Triad

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



A05DDF



B76C00



009A98

Complementary

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



A05DDF



9CDF5D

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.



009753



A05DDF



7F8300

Square

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



A05DDF



DE4A26



2C9100



0098D5

Rectangle

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



A05DDF



ED247B



2C9100



009981

Sweetspot

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



A05DDF



EAD4FF



5D9EDF



736680



000000



808080

Same Dimension

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



A05DDF



A84DFF



DF5DDF



6B6570



5B00B0



190030

Inverse Universe

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



DF5D9C



FF4DA3



5DDF5D



70656A



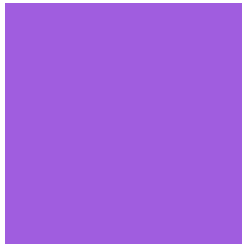
B00055



300017

Previews

White Background



This preview shows how the Hex color A05DDF looks on a white background.

Color Contrast Check

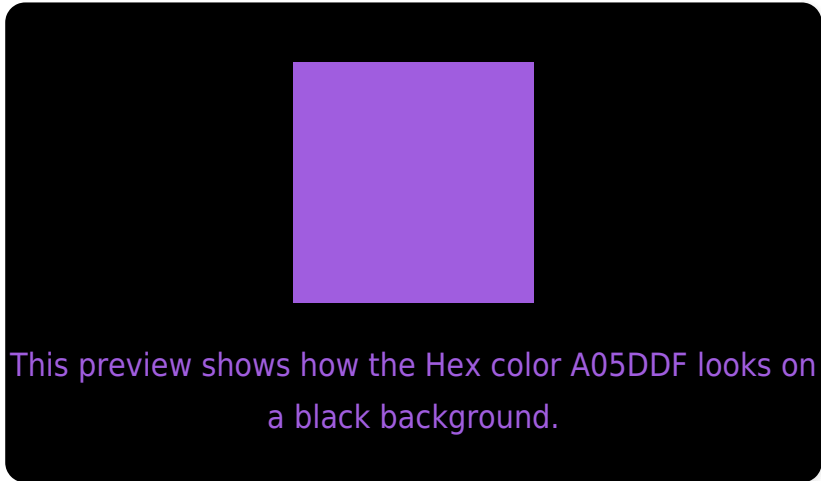
Large Text (above 18pt) WCAG AA ✓ Pass

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 A05DDF Background



This preview shows how black text looks on a background with the Hex color A05DDF.

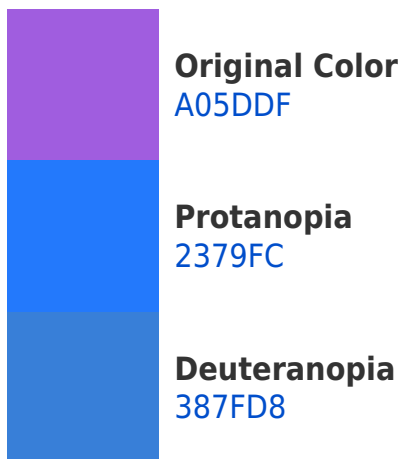


This preview shows how white text looks on a background with the Hex color A05DDF.

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](#).

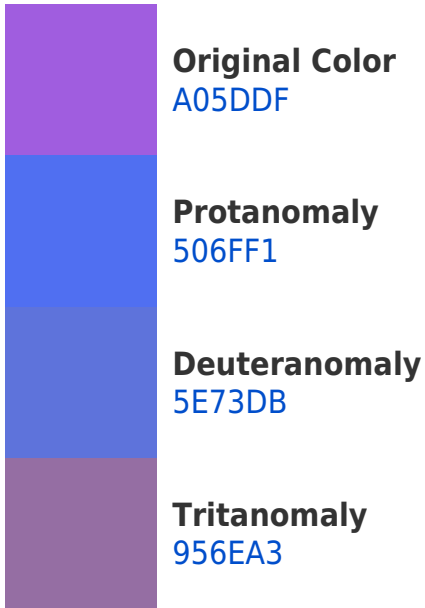
Dichromacy



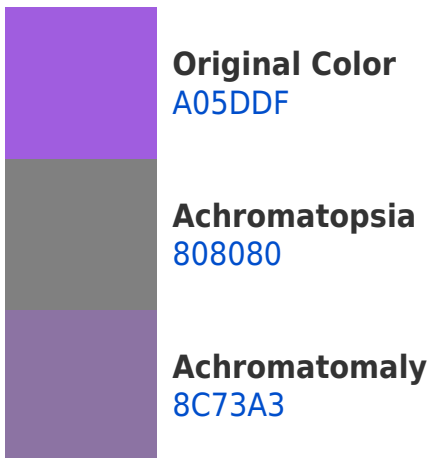


Tritanopia
8F7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A05DDF 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 #A05DDF looks like.

```
.text, #text, p{  
    color:#A05DDF  
}
```

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 #A05DDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A05DDF
}
```

Border

The CSS property to change the border of an element to Hex A05DDF 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
#A05DDF }
```

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

```
.border{ border-color:#A05DDF }
```

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

Here you see how a box with a 4 pixel #A05DDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A05DDF; -webkit-box-shadow:4px 4px  
4px 4px #A05DDF; box-shadow:4px 4px 4px  
4px #A05DDF }
```

Background

The CSS property to change the background color of an element to Hex A05DDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A05DDF }
```

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

```
.background{ background-color:#A05DDF }
```

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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