

# Converting Colors

Hex(A62FD0)

Have a look what the booklet for  
Hex(A62FD0) contains.

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**Color**

**Hex(A62FD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A62FD0
RGB	166, 47, 208
RGB Percent	65%, 18%, 82%
CMY	0.3490, 0.8157, 0.1843
CMYK	0.20, 0.77, 0.00, 0.18
HSL	284°, 63%, 50%
HSV	284°, 77%, 82%
XYZ	28.1276, 14.6941, 61.0283
YIQ	100.9350, 19.2430, 75.2990

# Conversions

## Conversions Part 2

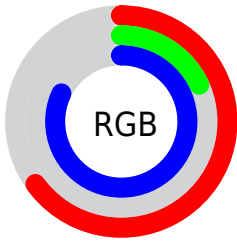
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 47, 208
Decimal	10891216
CIE <sub>Lab</sub>	45.21, 69.35, -59.36
CIE <sub>LCh</sub>	45, 91.287, 319.438
Yxy	14.6941, 0.2708, 0.1415
Android (android.graphics.Color)	4289081296 (0xFFA62FD0)
YUV	100.9350, 52.7830, 57.0620
Hunter-Lab	38.3329, 63.8957, -67.5603

# Details

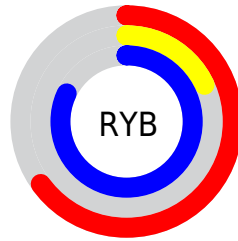
The Hex color **A62FD0** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle washed purple. A complement of this color would be **59D02F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **E16AFF**, and **6D0099** is the 20% darker color. If you saturate the color by 10%, you get **A11AD0**, and if you desaturate by 10%, it is **AB44D0**.

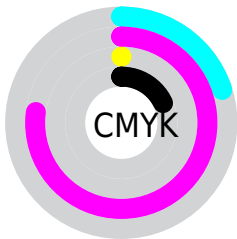
# Distribution



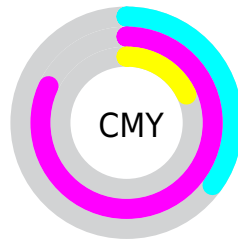
- Red (65%)
- Green (18%)
- Blue (82%)



- Red (65%)
- Yellow (18%)
- Blue (82%)



- Cyan (20%)
- Magenta (77%)
- Yellow (0%)
- Black (18%)



- Cyan (35%)
- Magenta (82%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A62FD0 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 A62FD0 by changing the saturation by 10% instead.



 A62FD0

 A62FD0

FFFFFF

 8900B4

 E16AFF

 6D0099

 FF87FF

 50007E

 FFA3FF

 330064

 FFC0FF

 14004B

 FFDDFF

 000033

 FFFBFF

 00021D

 000000

 A62FD0

 A62FD0

 A11AD0

 AB44D0

 9B05D0

 B159D0

 9A00D0

 B66DD0

 BC82D0

 C197D0

 C7ACD0

 CCC1D0

 D1D5D0

 D7EAD0

# Harmonies

## Analogous

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



0064FE



A62FD0



DF0089

# Triad

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



A62FD0



995E00



00899C

# Complementary

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



A62FD0



59D02F

# 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.



00874C



A62FD0



547600

# Square

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



A62FD0



CC2E00



008200



0087E0

# Rectangle

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



A62FD0



E90057



008200



008882



# Sweetspot

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



A62FD0



F0C4FF



2F5AD0



765C80



000000



808080



# Same Dimension

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



A62FD0



C112FF



D02FAA



665E69



7C00A8



1E0029



# Inverse Universe

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



D02F59



FF1250



2FD055



695E61



A8002C



29000B



# Previews

## White Background



This preview shows how the Hex color A62FD0 looks on a white background.

## Color Contrast Check

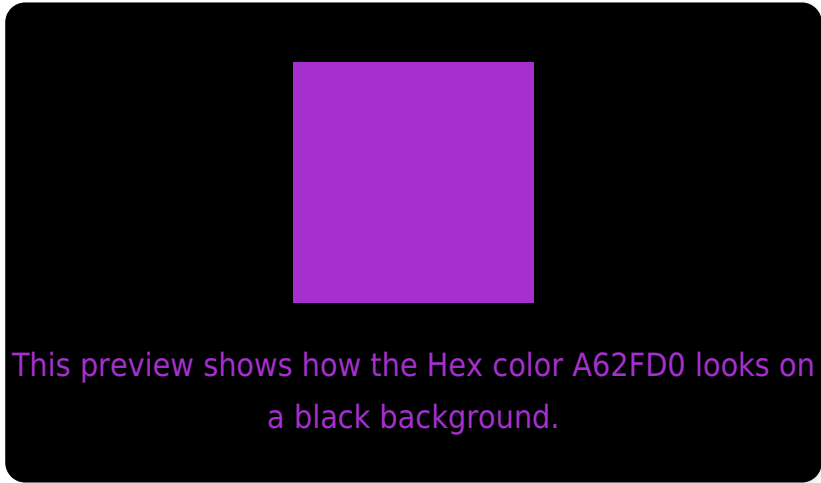
Large Text (above 18pt) WCAG AA ✓ Pass

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

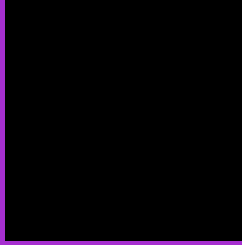
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A62FD0 Background



This preview shows how black text looks on a background with the Hex color A62FD0.

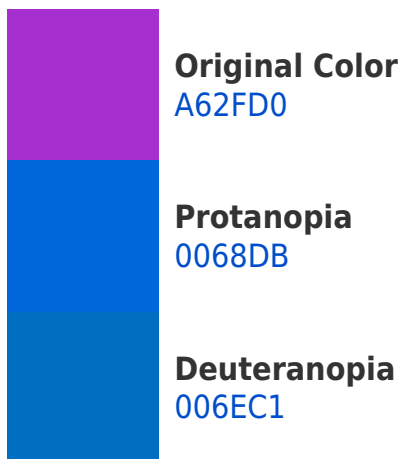



This preview shows how white text looks on a background with the Hex color A62FD0.

# 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](#).

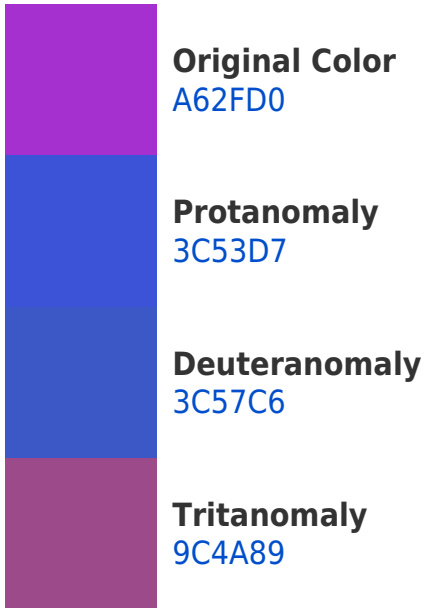
## Dichromacy





**Tritanopia**  
965A61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A62FD0 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 #A62FD0 looks like.

```
.text, #text, p{  
    color:#A62FD0  
}
```

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 #A62FD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A62FD0
}
```

## Border

The CSS property to change the border of an element to Hex A62FD0 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
#A62FD0 }
```

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

```
.border{ border-color:#A62FD0 }
```

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

Here you see how a box with a 4 pixel #A62FD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A62FD0; -webkit-box-shadow:4px 4px  
4px 4px #A62FD0; box-shadow:4px 4px 4px  
4px #A62FD0 }
```

# Background

The CSS property to change the background color of an element to Hex A62FD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A62FD0 }
```

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

```
.background{ background-color:#A62FD0 }
```

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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