

# Converting Colors

Hex(A47FE6)

Have a look what the booklet for  
Hex(A47FE6) contains.

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# Color

**Hex(A47FE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A47FE6
RGB	164, 127, 230
RGB Percent	64%, 50%, 90%
CMY	0.3569, 0.5020, 0.0980
CMYK	0.29, 0.45, 0.00, 0.10
HSL	262°, 67%, 70%
HSV	262°, 45%, 90%
XYZ	37.1821, 28.7844, 78.4591
YIQ	149.8050, -11.0110, 39.8770

# Conversions

## Conversions Part 2

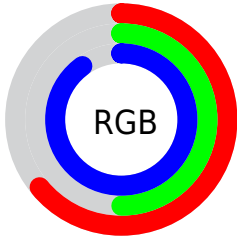
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">164, 127, 230</a>
Decimal	<a href="#">10780646</a>
CIELab	<a href="#">60.59, 35.55, -47.25</a>
CIElCh	<a href="#">61, 59.130, 306.954</a>
Yxy	<a href="#">28.7844, 0.2574, 0.1993</a>
Android (android.graphics.Color)	<a href="#">4288970726</a> ( <a href="#">0xFFA47FE6</a> )
YUV	<a href="#">149.8050, 39.5361, 12.4490</a>
Hunter-Lab	<a href="#">53.6511, 29.8174, -49.1496</a>

# Details

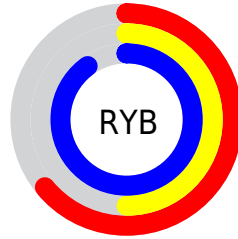
The Hex color **A47FE6** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C1E67F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **DDB4FF**, and **6D4DAE** is the 20% darker color. If you saturate the color by 10%, you get **9568E6**, and if you desaturate by 10%, it is **B396E6**.

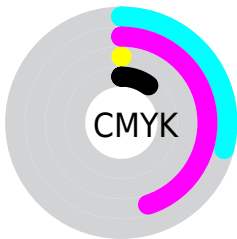
# Distribution



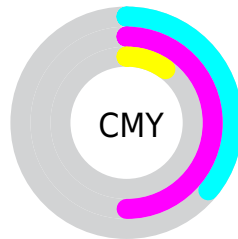
- Red (64%)
- Green (50%)
- Blue (90%)



- Red (64%)
- Yellow (50%)
- Blue (90%)



- Cyan (29%)
- Magenta (45%)
- Yellow (0%)
- Black (10%)



- Cyan (36%)
- Magenta (50%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A47FE6 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 A47FE6 by changing the saturation by 10% instead.



 A47FE6

 A47FE6

FFFFFF

 8866CA

 DDB4FF

 6D4DAE

 FAD0FF

 523593

 FFEDFF

 371E79

 1A075F

 000047

 00042F

 00011A

 000000

 A47FE6

 A47FE6

 9568E6

 B396E6

 8751E6

 C1ADE6

 783AE6

 D0C4E6

 6923E6

 DFDBE6

 5A0CE6

 EEF2E6

 5300E6

 FCFFE6

 FFFFE6

# Harmonies

## Analogous

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



3294FA



A47FE6



DB69BC

# Triad

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



A47FE6



CD812E



00AB9D

# Complementary

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



A47FE6



C1E67F

# 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.



00A867



A47FE6



A2941D

# Square

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



A47FE6



EA6C56



6BA138



00AAD0

# Rectangle

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



A47FE6



EC619A



6BA138



00AB8B



# Sweetspot

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



A47FE6



EADEFF



7FC2E6



726B80



000000



808080



# Same Dimension

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



A47FE6



A775FF



D77FE6



6B6773



4000B3



120033



# Inverse Universe

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



E67FC1



FF75CE



8EE67F



73676F



B30072

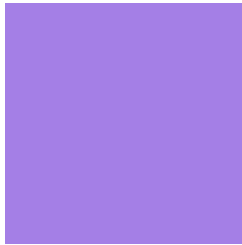


330021



# Previews

## White Background



This preview shows how the Hex color A47FE6 looks on a white background.

## Color Contrast Check

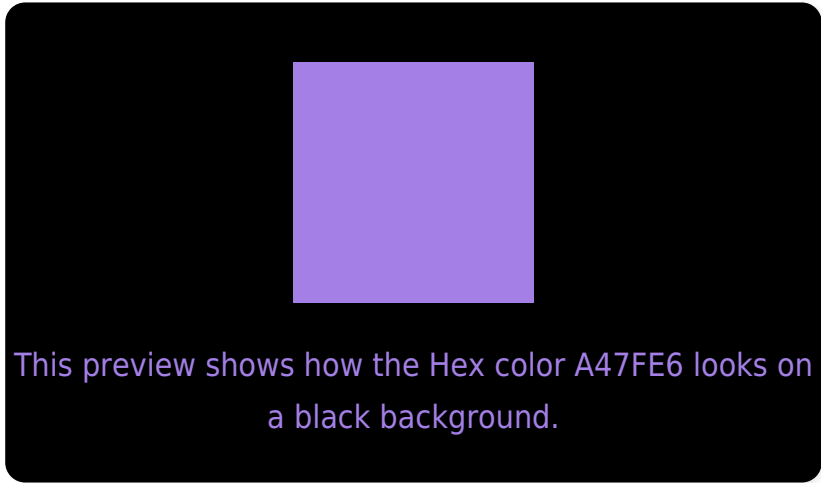
Large Text (above 18pt) WCAG AA ✓ Pass

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

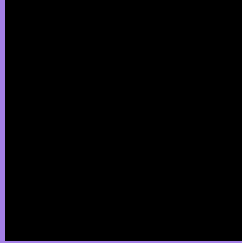
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A47FE6 Background



This preview shows how black text looks on a background with the Hex color A47FE6.



This preview shows how white text looks on a background with the Hex color A47FE6.

# 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](#).

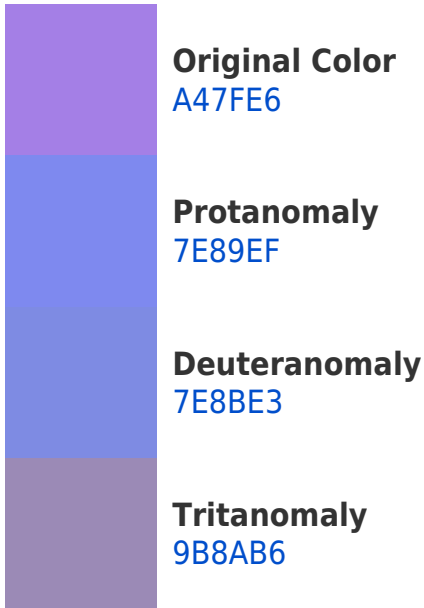
## Dichromacy





**Tritanopia**  
96909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A47FE6 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 #A47FE6 looks like.

```
.text, #text, p{  
    color:#A47FE6  
}
```

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 #A47FE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A47FE6  
}
```

## Border

The CSS property to change the border of an element to Hex A47FE6 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  
#A47FE6 }
```

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

```
.border{ border-color:#A47FE6 }
```

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

Here you see how a box with a 4 pixel #A47FE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A47FE6; -webkit-box-shadow:4px 4px  
4px 4px #A47FE6; box-shadow:4px 4px 4px  
4px #A47FE6 }
```

# Background

The CSS property to change the background color of an element to Hex A47FE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A47FE6 }
```

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

```
.background{ background-color:#A47FE6 }
```

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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