

# Converting Colors

Hex(A55FAF)

Have a look what the booklet for  
Hex(A55FAF) contains.

<b>Hex(A55FAF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(A55FAF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A55FAF
RGB	165, 95, 175
RGB Percent	65%, 37%, 69%
CMY	0.3529, 0.6275, 0.3137
CMYK	0.06, 0.46, 0.00, 0.31
HSL	292°, 33%, 53%
HSV	292°, 46%, 69%
XYZ	27.3471, 19.2789, 42.8373
YIQ	125.0500, 16.0400, 39.7200

# Conversions

## Conversions Part 2

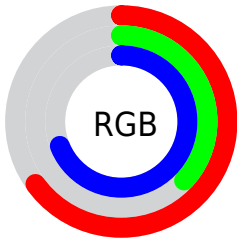
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	165, 95, 175
Decimal	10837935
CIE Lab	51.01, 41.24, -31.01
CIE LCh	51, 51.601, 323.059
Yxy	19.2789, 0.3057, 0.2155
Android (android.graphics.Color)	4289028015 (0xFFA55FAF)
YUV	125.0500, 24.6254, 35.0361
Hunter-Lab	43.9077, 34.3369, -27.1091

# Details

The Hex color **A55FAF** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **69AF5F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **DD93E7**, and **6F2D7A** is the 20% darker color. If you saturate the color by 10%, you get **A34EAF**, and if you desaturate by 10%, it is **A771AF**.

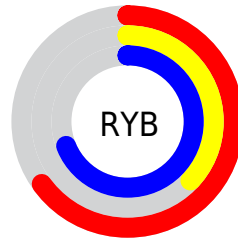
# Distribution



Red (65%)

Green (37%)

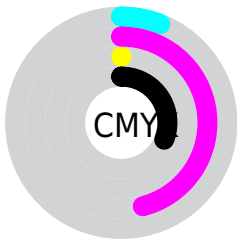
Blue (69%)



Red (65%)

Yellow (37%)

Blue (69%)

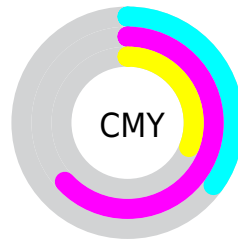


Cyan (6%)

Magenta (46%)

Yellow (0%)

Black (31%)



Cyan (35%)

Magenta (63%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A55FAF 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 A55FAF by changing the saturation by 10% instead.



 A55FAF

 A55FAF

FFFFFF

 8A4694

 DD93E7

 6F2D7A

 FBAFFF

 551261

 FFCBFF

 3C0049

 FFE7FF

 270032

 00001C

 000000

 A55FAF

 A55FAF

 A34EAF

 A771AF

 A13CAF

 A982AF

 9E2AAF

 AC94AF

 9C19AF

 AEA5AF

 9A07AF

 B0B7AF

 9900AF

 B2C8AF

 B4DAAF

 B7EBAF

 B9FDAF

# Harmonies

## Analogous

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



6872CB



A55FAF



C45186

# Triad

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



A55FAF



997419



008E9B

# Complementary

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



A55FAF



69AF5F

# 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.



008E6D



A55FAF



6F8120

# Square

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



A55FAF



B86233



368A42



008BBF

# Rectangle

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



A55FAF



CA5068



368A42



008F8C



# Sweetspot

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



A55FAF



DFC3E3



5F6AAF



705F73



F2F2F2



737373



# Same Dimension

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



A55FAF



D366E3



AF5F92



564E57



840096



140017



# Inverse Universe

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



AF5F69



E36676



5FAF7C



574E4F



960013



170003



# Previews

## White Background



This preview shows how the Hex color A55F AF looks on a white background.

## Color Contrast Check

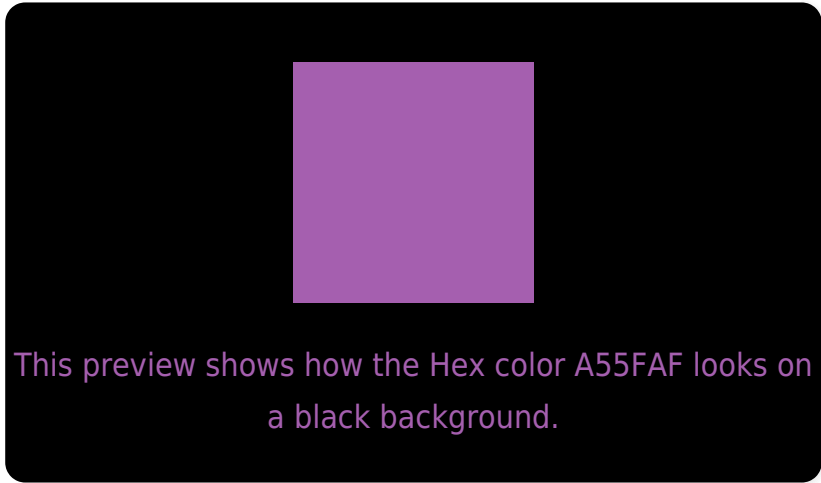
Large Text (above 18pt) WCAG AA ✓ Pass

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

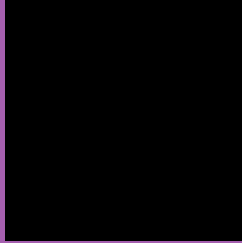
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A55FAF Background



This preview shows how black text looks on a background with the Hex color A55FAF.

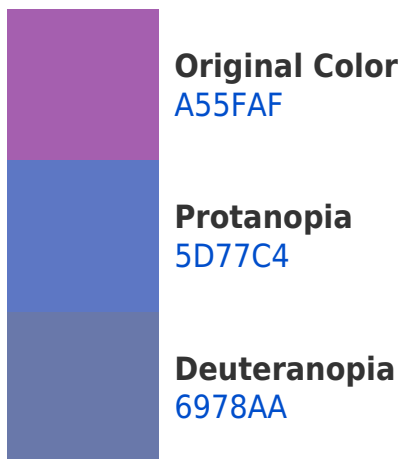


This preview shows how white text looks on a background with the Hex color A55FAF.

# 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](#).

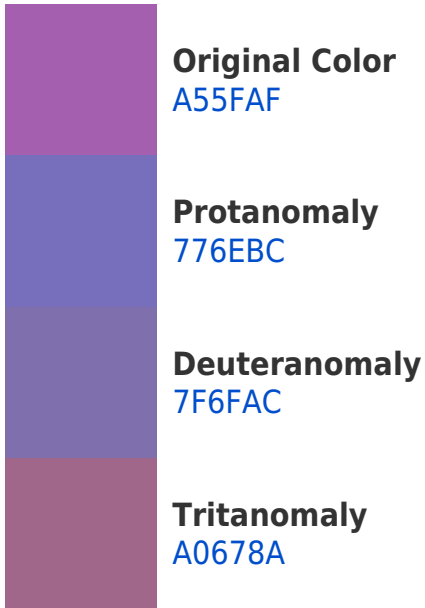
## Dichromacy



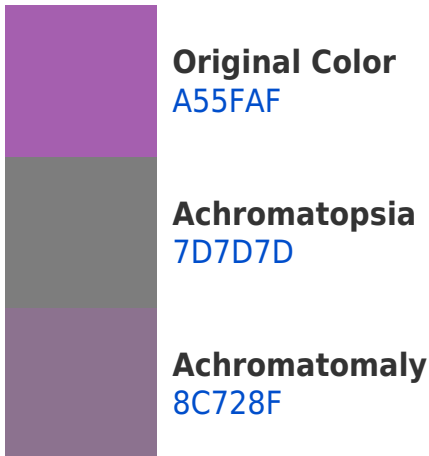


**Tritanopia**  
9D6C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A55FAF 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 #A55FAF looks like.

```
.text, #text, p{  
    color:#A55FAF  
}
```

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 #A55FAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A55FAF
}
```

## Border

The CSS property to change the border of an element to Hex A55FAF is called "border". The border property can be set on classes, ids or directly on the HTML element.

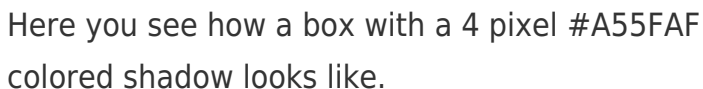
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A55FAF }
```

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

```
.border{ border-color:#A55FAF }
```

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



Here you see how a box with a 4 pixel #A55FAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A55FAF; -webkit-box-shadow:4px 4px  
4px 4px #A55FAF; box-shadow:4px 4px 4px  
4px #A55FAF }
```

# Background

The CSS property to change the background color of an element to Hex A55FAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A55FAF }
```

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

```
.background{ background-color:#A55FAF }
```

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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