

Converting Colors

Hex(AF53BF)

Have a look what the booklet for
Hex(AF53BF) contains.

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Color

Hex(AF53BF)

Conversions

Conversions Part 1

Format	Color
Hex	AF53BF
RGB	175, 83, 191
RGB Percent	69%, 33%, 75%
CMY	0.3137, 0.6745, 0.2510
CMYK	0.08, 0.57, 0.00, 0.25
HSL	291°, 46%, 54%
HSV	291°, 57%, 75%
XYZ	30.1764, 19.0621, 51.3791
YIQ	122.8200, 20.1640, 53.0920

Conversions

Conversions Part 2

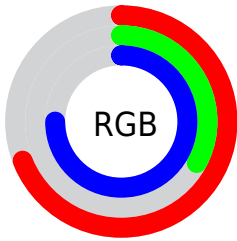
Format	Color
R_{YB}	175, 83, 191
Decimal	11490239
CIE _{Lab}	50.76, 53.34, -40.60
CIE _{LCh}	51, 67.036, 322.722
Yxy	19.0621, 0.2999, 0.1895
Android (android.graphics.Color)	4289680319 (0xFFAF53BF)
YUV	122.8200, 33.6127, 45.7619
Hunter-Lab	43.6601, 46.9681, -39.2102

Details

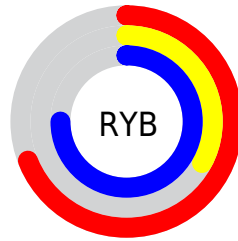
The Hex color **AF53BF** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **63BF53**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **E989F8**, and **781B89** is the 20% darker color. If you saturate the color by 10%, you get **AC40BF**, and if you desaturate by 10%, it is **B266BF**.

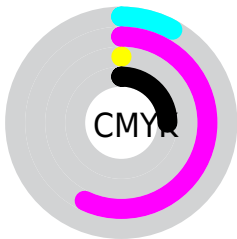
Distribution



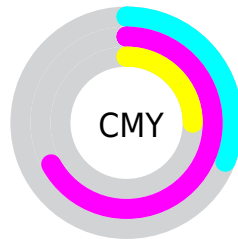
- Red (69%)
- Green (33%)
- Blue (75%)



- Red (69%)
- Yellow (33%)
- Blue (75%)



- Cyan (8%)
- Magenta (57%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (67%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF53BF 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 AF53BF by changing the saturation by 10% instead.

 AF53BF

 AF53BF

FFFFFF

 9338A4

 E989F8

 781B89

 FFA4FF

 5D006F

 FFC0FF

 420056

 FFDDFF

 2C003F

 FFFAFF

 030027

 000111

 000000

 AF53BF

 AF53BF

■ AC40BF

■ B266BF

■ A92DBF

■ B579BF

■ A71ABF

■ B78CBF

■ A407BF

■ BA9FBF

■ A300BF

■ BDB3BF

■ C0C6BF

■ C3D9BF

■ C6ECBF

■ C8FFBF

Harmonies

Analogous

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



5570E3



AF53BF



D63989

Triad

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



AF53BF



9E7100



0092A4

Complementary

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



AF53BF



63BF53

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.



009169



AF53BF



688300

Square

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



AF53BF



C65819



008D2D



008FD4

Rectangle

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



AF53BF



DD3763



008D2D



009290

Sweetspot

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



AF53BF



F1CDF7



5363BF



79647D



FCFCFC



7D7D7D

Same Dimension

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



AF53BF



DE4FF7



BF5399



5D555E



87009E



1A001F

Inverse Universe

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



BF5363



F74F68



53BF79



5E5556



9E0017



1F0005

Previews

White Background



This preview shows how the Hex color AF53BF 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

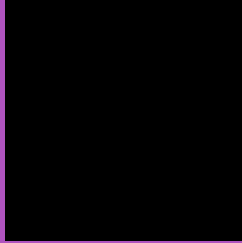
Any Text WCAG AA ✓ Pass

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 AF53BF Background



This preview shows how black text looks on a background with the Hex color AF53BF.

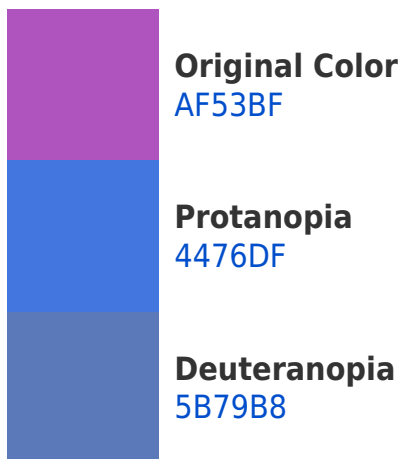


This preview shows how white text looks on a background with the Hex color AF53BF.

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](#).

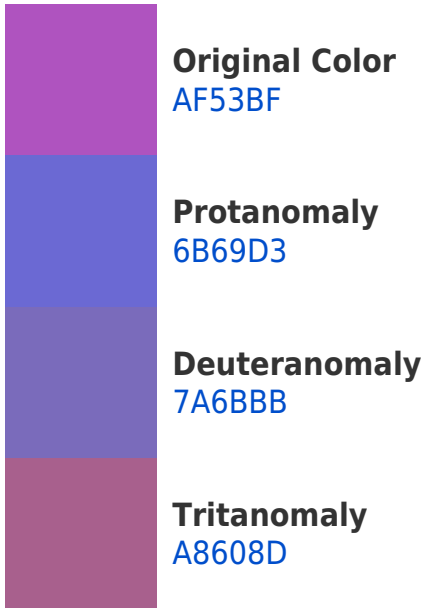
Dichromacy



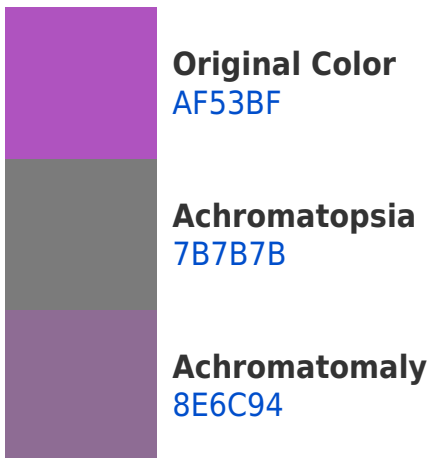


Tritanopia
A46870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF53BF 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 #AF53BF looks like.

```
.text, #text, p{  
    color:#AF53BF  
}
```

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 #AF53BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF53BF
}
```

Border

The CSS property to change the border of an element to Hex AF53BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

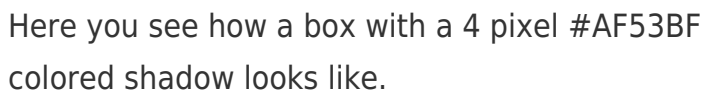
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF53BF }
```

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

```
.border{ border-color:#AF53BF }
```

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



Here you see how a box with a 4 pixel #AF53BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF53BF; -webkit-box-shadow:4px 4px  
4px 4px #AF53BF; box-shadow:4px 4px 4px  
4px #AF53BF }
```

Background

The CSS property to change the background color of an element to Hex AF53BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF53BF }
```

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

```
.background{ background-color:#AF53BF }
```

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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