

Converting Colors

Hex(AF54CC)

Have a look what the booklet for
Hex(AF54CC) contains.

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Color

Hex(AF54CC)

Conversions

Conversions Part 1

Format	Color
Hex	AF54CC
RGB	175, 84, 204
RGB Percent	69%, 33%, 80%
CMY	0.3137, 0.6706, 0.2000
CMYK	0.14, 0.59, 0.00, 0.20
HSL	286°, 54%, 56%
HSV	286°, 59%, 80%
XYZ	31.7486, 19.8142, 59.2779
YIQ	124.8890, 15.7160, 56.6120

Conversions

Conversions Part 2

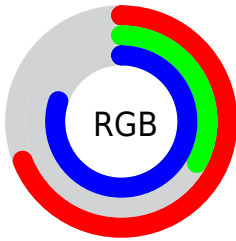
Format	Color
RYB	175, 84, 204
Decimal	11490508
CIELab	51.63, 55.43, -46.71
CIELCh	52, 72.486, 319.879
Yxy	19.8142, 0.2864, 0.1788
Android (android.graphics.Color)	4289680588 (0xFFAF54CC)
YUV	124.8890, 39.0017, 43.9473
Hunter-Lab	44.5132, 49.4153, -47.7969

Details

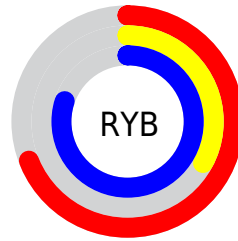
The Hex color **AF54CC** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **71CC54**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **E98AFF**, and **771C95** is the 20% darker color. If you saturate the color by 10%, you get **AA40CC**, and if you desaturate by 10%, it is **B468CC**.

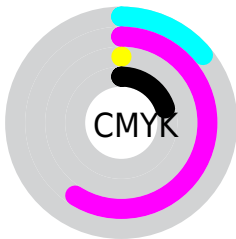
Distribution



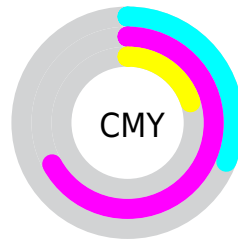
- Red (69%)
- Green (33%)
- Blue (80%)



- Red (69%)
- Yellow (33%)
- Blue (80%)



- Cyan (14%)
- Magenta (59%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF54CC 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 AF54CC by changing the saturation by 10% instead.

 AF54CC

 AF54CC

FFFFFF

 9339B0

 E98AFF

 771C95

 FFA5FF

 5C007B

 FFC2FF

 410061

 FFDEFF

 290049

 FFFCFF

 020031

 00011B

 000000

 AF54CC

 AF54CC

■ AA40CC

■ B468CC

■ A52BCC

■ B97DCC

■ A017CC

■ BE91CC

■ 9B02CC

■ C3A6CC

■ 9B00CC

■ C8BACC

■ CDCECC

■ D2E3CC

■ D6F7CC

■ DBFFCC

Harmonies

Analogous

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



3D74F1



AF54CC



DD3293

Triad

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



AF54CC



A67100



0096A4

Complementary

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



AF54CC



71CC54

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.



009563



AF54CC



6E8400

Square

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



AF54CC



D05418



008F20



0093DA

Rectangle

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



AF54CC



E72D69



008F20



00968F

Sweetspot

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



AF54CC



F4D1FF



5472CC



796380



000000



808080

Same Dimension

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



AF54CC



D34AFF



CC54AE



645C66



7E00A6



1D0026

Inverse Universe

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



CC5471



FF4A76



54CC72



665C5E



A60028



260009

Previews

White Background



This preview shows how the Hex color AF54CC looks on a white background.

Color Contrast Check

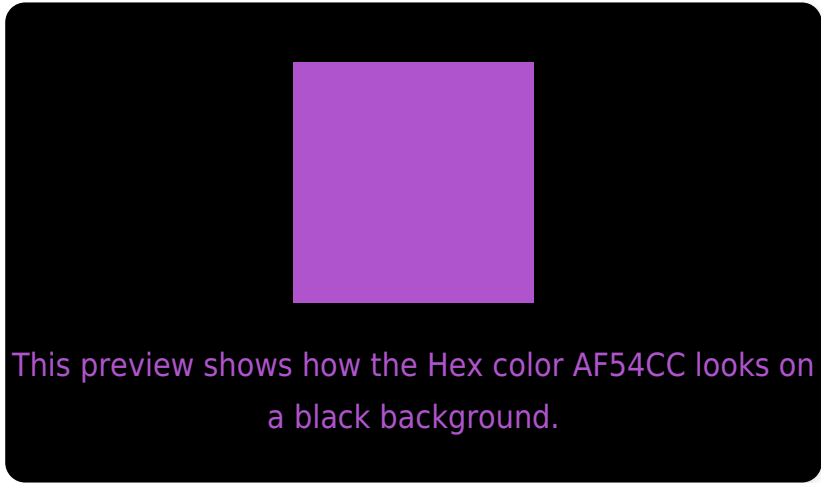
Large Text (above 18pt) WCAG AA ✓ Pass

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

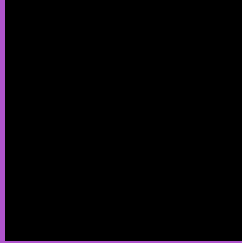
Any Text WCAG AA ✓ Pass

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 AF54CC Background



This preview shows how black text looks on a background with the Hex color AF54CC.

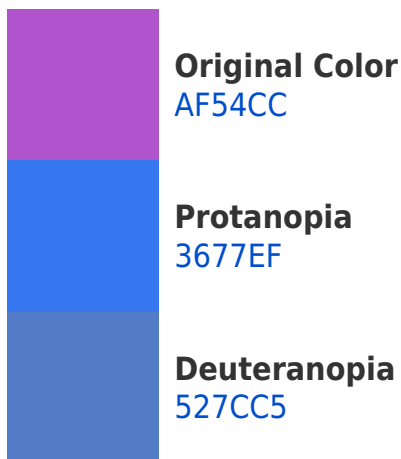



This preview shows how white text looks on a background with the Hex color AF54CC.

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](#).

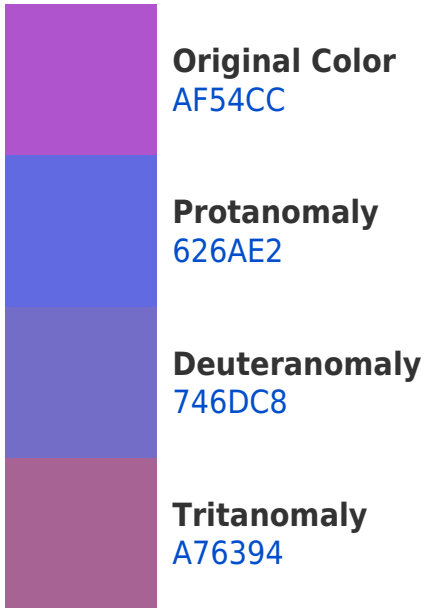
Dichromacy



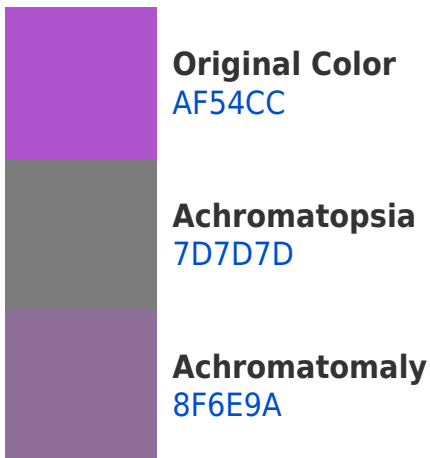


Tritanopia
A26C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF54CC 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 #AF54CC looks like.

```
.text, #text, p{  
    color:#AF54CC  
}
```

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 #AF54CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF54CC
}
```

Border

The CSS property to change the border of an element to Hex AF54CC 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
#AF54CC }
```

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

```
.border{ border-color:#AF54CC }
```

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

Here you see how a box with a 4 pixel #AF54CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF54CC; -webkit-box-shadow:4px 4px  
4px 4px #AF54CC; box-shadow:4px 4px 4px  
4px #AF54CC }
```

Background

The CSS property to change the background color of an element to Hex AF54CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF54CC }
```

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

```
.background{ background-color:#AF54CC }
```

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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