

Converting Colors

Hex(AF54E8)

Have a look what the booklet for
Hex(AF54E8) contains.

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Color

Hex(AF54E8)

Conversions

Conversions Part 1

Format	Color
Hex	AF54E8
RGB	175, 84, 232
RGB Percent	69%, 33%, 91%
CMY	0.3137, 0.6706, 0.0902
CMYK	0.25, 0.64, 0.00, 0.09
HSL	277°, 76%, 62%
HSV	277°, 64%, 91%
XYZ	35.4150, 21.2808, 78.5850
YIQ	128.0810, 6.7280, 65.3200

Conversions

Conversions Part 2

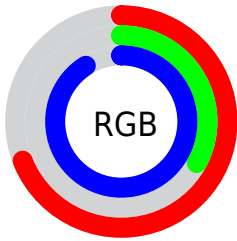
Format	Color
R _{YB}	175, 84, 232
Decimal	11490536
CIE _{Lab}	53.26, 61.28, -59.99
CIE _{LCh}	53, 85.758, 315.607
Yxy	21.2808, 0.2618, 0.1573
Android (android.graphics.Color)	4289680616 (0xFFAF54E8)
YUV	128.0810, 51.2321, 41.1480
Hunter-Lab	46.1311, 56.3056, -68.7095

Details

The Hex color **AF54E8** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **8DE854**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **EA8BFF**, and **7619AF** is the 20% darker color. If you saturate the color by 10%, you get **A63DE8**, and if you desaturate by 10%, it is **B86BE8**.

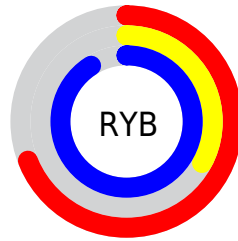
Distribution



Red (69%)

Green (33%)

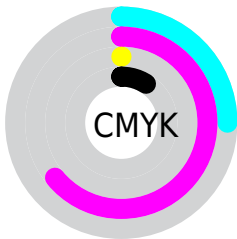
Blue (91%)



Red (69%)

Yellow (33%)

Blue (91%)

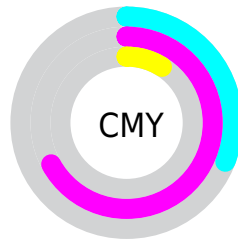


Cyan (25%)

Magenta (64%)

Yellow (0%)

Black (9%)



Cyan (31%)

Magenta (67%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF54E8 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 AF54E8 by changing the saturation by 10% instead.

 AF54E8

 AF54E8

FFFFFF

 9238CB

 EA8BFF

 7619AF

 FFA6FF

 590094

 FFC3FF

 3D007A

 FFDFFF

 1F0060

 FFFDFF

 000047

 000430

 00011A

 000000

 AF54E8

 AF54E8

 A63DE8

 B86BE8

 9D26E8

 C182E8

 940EE8

 CA9AE8

 8F00E8

 D3B1E8

 DCC8E8

 E5DFE8

 EE66E8

 F6FFE8

 FFFFE8

Harmonies

Analogous

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



007CFF



AF54E8



EE11A6

Triad

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



AF54E8



B76F00



009EA5

Complementary

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



AF54E8



8DE854

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.



009C58



AF54E8



778800

Square

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



AF54E8



E6460E



009500



009CE9

Rectangle

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



AF54E8



FC0075



009500



009E8C

Sweetspot

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



AF54E8



ECCFFF



548FE8



746280



000000



808080

Same Dimension

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



AF54E8



B33BFF



E854D9



6E6773



6E00B3



1F0033

Inverse Universe

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



E8548D



FF3B86



54E863



73676C



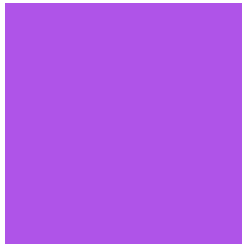
B30045



330014

Previews

White Background



This preview shows how the Hex color AF54E8 looks on a white background.

Color Contrast Check

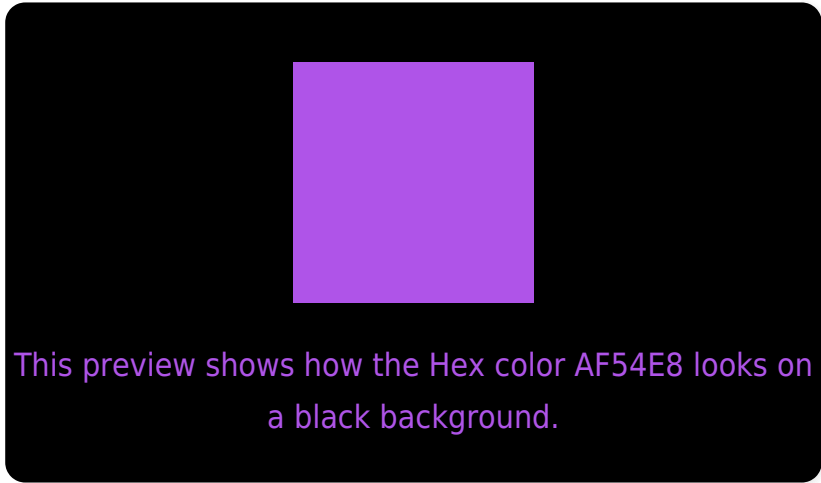
Large Text (above 18pt) WCAG AA ✓ Pass

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

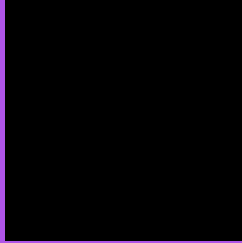
Any Text WCAG AA ✓ Pass

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 AF54E8 Background



This preview shows how black text looks on a background with the Hex color AF54E8.

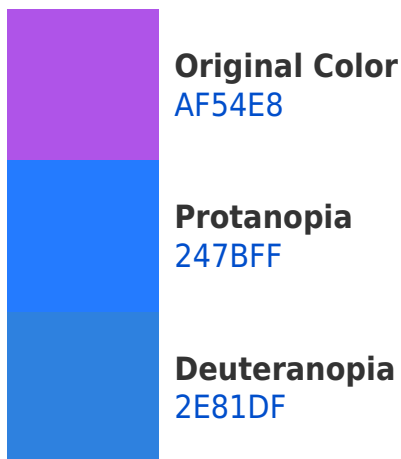


This preview shows how white text looks on a background with the Hex color AF54E8.

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](#).

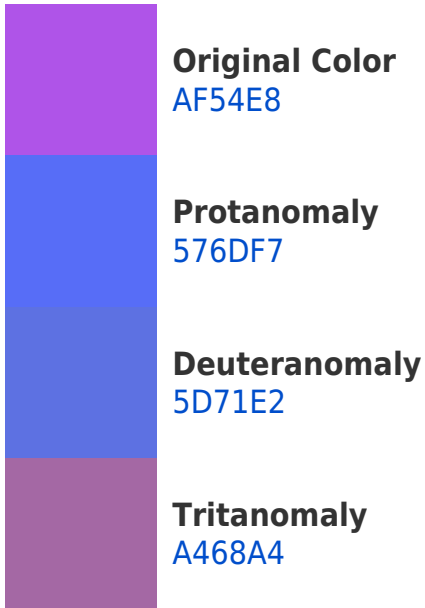
Dichromacy





Tritanopia
9D747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF54E8 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 #AF54E8 looks like.

```
.text, #text, p{  
    color:#AF54E8  
}
```

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 #AF54E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF54E8
}
```

Border

The CSS property to change the border of an element to Hex AF54E8 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
#AF54E8 }
```

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

```
.border{ border-color:#AF54E8 }
```

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

Here you see how a box with a 4 pixel #AF54E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF54E8; -webkit-box-shadow:4px 4px  
4px 4px #AF54E8; box-shadow:4px 4px 4px  
4px #AF54E8 }
```

Background

The CSS property to change the background color of an element to Hex AF54E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF54E8 }
```

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

```
.background{ background-color:#AF54E8 }
```

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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