

Converting Colors

Hex(AF23C4)

Have a look what the booklet for
Hex(AF23C4) contains.

Hex(AF23C4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AF23C4)

Conversions

Conversions Part 1

Format	Color
Hex	AF23C4
RGB	175, 35, 196
RGB Percent	69%, 14%, 77%
CMY	0.3137, 0.8627, 0.2314
CMYK	0.11, 0.82, 0.00, 0.23
HSL	292°, 70%, 45%
HSV	292°, 82%, 77%
XYZ	28.2440, 14.3015, 53.4964
YIQ	95.2140, 31.7590, 79.7510

Conversions

Conversions Part 2

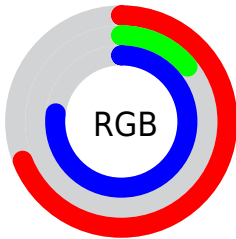
Format	Color
R _Y B	175, 35, 196
Decimal	11477956
CIE Lab	44.66, 72.18, -53.23
CIE LCh	45, 89.683, 323.595
Yxy	14.3015, 0.2941, 0.1489
Android (android.graphics.Color)	4289668036 (0xFFAF23C4)
YUV	95.2140, 49.6875, 69.9723
Hunter-Lab	37.8174, 67.1329, -57.3994

Details

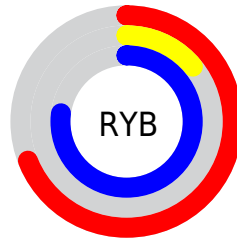
The Hex color **AF23C4** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **38C423**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **EA63FD**, and **76008D** is the 20% darker color. If you saturate the color by 10%, you get **AC0FC4**, and if you desaturate by 10%, it is **B237C4**.

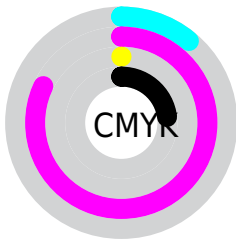
Distribution



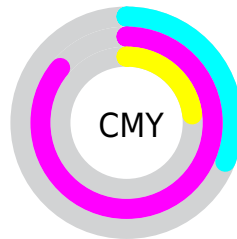
- Red (69%)
- Green (14%)
- Blue (77%)



- Red (69%)
- Yellow (14%)
- Blue (77%)



- Cyan (11%)
- Magenta (82%)
- Yellow (0%)
- Black (23%)



- Cyan (31%)
- Magenta (86%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF23C4 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 AF23C4 by changing the saturation by 10% instead.

 AF23C4

 AF23C4

FFFFFF

 9200A8

 EA63FD

 76008D

 FF80FF

 590073

 FF9DFF

 3E005A

 FFBAFF

 220041

 FFD7FF

 00002A

 FFF5FF

 000114

 000000

 AF23C4

 AF23C4

■ AC0FC4

■ B237C4

■ AA00C4

■ B44AC4

■ B75EC4

■ B971C4

■ BC85C4

■ BE99C4

■ C1ACC4

■ C3C0C4

■ C6D3C4

Harmonies

Analogous

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



005EF6



AF23C4



DF007D

Triad

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



AF23C4



8F6200



0087A4

Complementary

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



AF23C4



38C423

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.



008557



AF23C4



477700

Square

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



AF23C4



C33700



008100



0085E3

Rectangle

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



AF23C4



E5004C



008100



00878B

Sweetspot

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



AF23C4



F7BFFF



2338C4



7B5980



000000



808080

Same Dimension

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



AF23C4



DE03FF



C42389



605761



8C00A1



1D0021

Inverse Universe

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



C42338



FF0323



23C45E



615758



A10015



210004

Previews

White Background



This preview shows how the Hex color AF23C4 looks on a white background.

Color Contrast Check

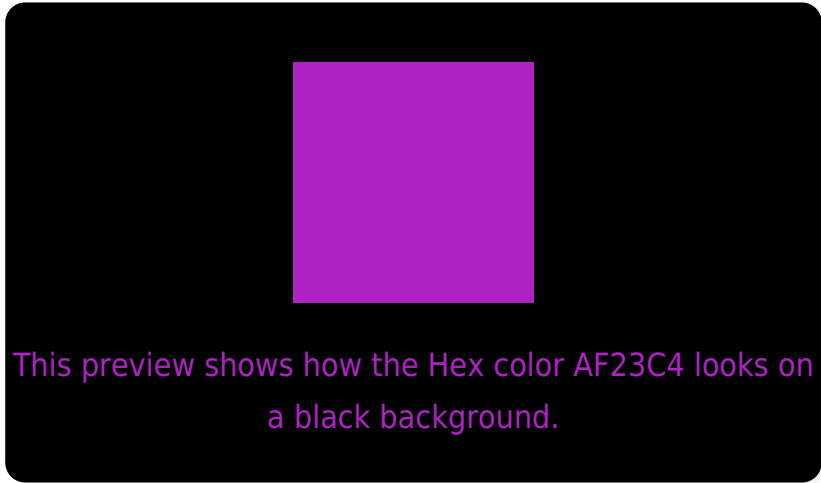
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

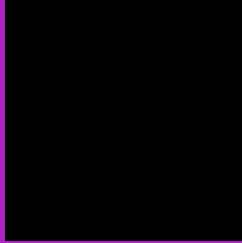
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex AF23C4 Background



This preview shows how black text looks on a background with the Hex color AF23C4.

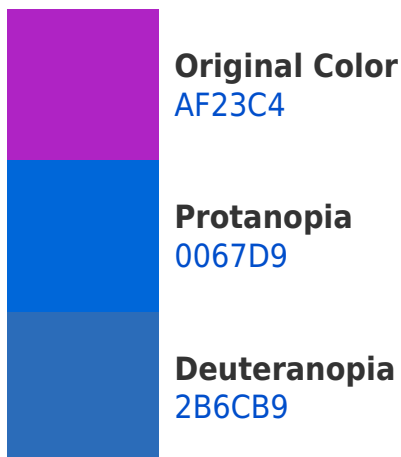


This preview shows how white text looks on a background with the Hex color AF23C4.

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](#).

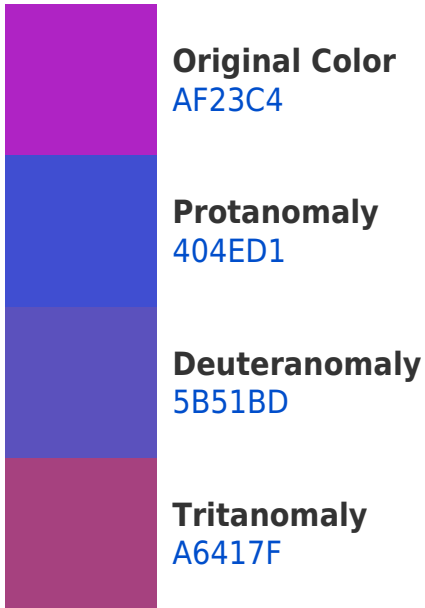
Dichromacy



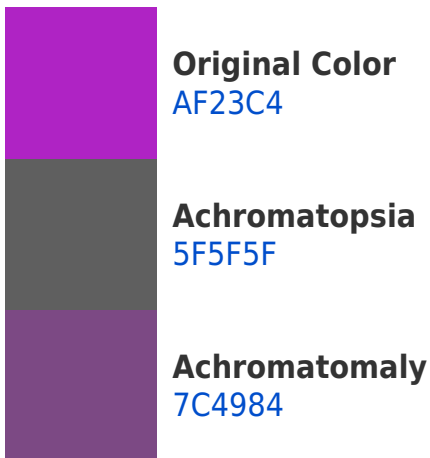


Tritanopia
A15258

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF23C4 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 #AF23C4 looks like.

```
.text, #text, p{  
    color:#AF23C4  
}
```

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 #AF23C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF23C4
}
```

Border

The CSS property to change the border of an element to Hex AF23C4 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
#AF23C4 }
```

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

```
.border{ border-color:#AF23C4 }
```

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

Here you see how a box with a 4 pixel #AF23C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF23C4; -webkit-box-shadow:4px 4px  
4px 4px #AF23C4; box-shadow:4px 4px 4px  
4px #AF23C4 }
```

Background

The CSS property to change the background color of an element to Hex AF23C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF23C4 }
```

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

```
.background{ background-color:#AF23C4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor