

Converting Colors

Hex(AF2FEB)

Have a look what the booklet for
Hex(AF2FEB) contains.

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Color

Hex(AF2FEB)

Conversions

Conversions Part 1

Format	Color
Hex	AF2FEB
RGB	175, 47, 235
RGB Percent	69%, 18%, 92%
CMY	0.3137, 0.8157, 0.0784
CMYK	0.26, 0.80, 0.00, 0.08
HSL	281°, 82%, 55%
HSV	281°, 80%, 92%
XYZ	33.6911, 17.1451, 80.1309
YIQ	106.7040, 15.9400, 85.6040

Conversions

Conversions Part 2

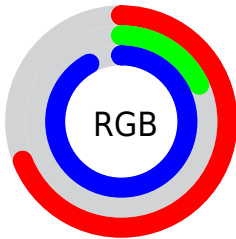
Format	Color
R_{YB}	175, 47, 235
Decimal	11481067
CIE _{Lab}	48.44, 76.09, -69.46
CIE _{LCh}	48, 103.026, 317.607
Yxy	17.1451, 0.2572, 0.1309
Android (android.graphics.Color)	4289671147 (0xFFAF2FEB)
YUV	106.7040, 63.2499, 59.8956
Hunter-Lab	41.4067, 72.7771, -85.7542

Details

The Hex color **AF2FEB** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **6BEB2F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **EB6DFF**, and **7400B2** is the 20% darker color. If you saturate the color by 10%, you get **A817EB**, and if you desaturate by 10%, it is **B747EB**.

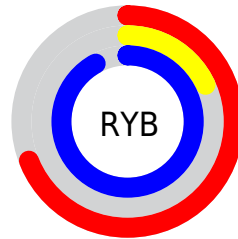
Distribution



Red (69%)

Green (18%)

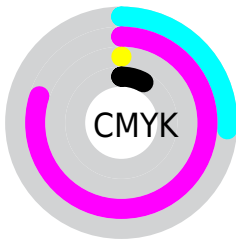
Blue (92%)



Red (69%)

Yellow (18%)

Blue (92%)

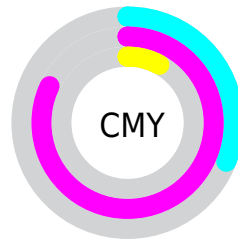


Cyan (26%)

Magenta (80%)

Yellow (0%)

Black (8%)



Cyan (31%)

Magenta (82%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF2FEB 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 AF2FEB by changing the saturation by 10% instead.

 AF2FEB

 AF2FEB

FFFFFF

 9100CE

 EB6DFF

 7400B2

 FF89FF

 560096

 FFA6FF

 37007C

 FFC3FF

 160062

 FFE1FF

 000049

 000431

 00011B

 000000

 AF2FEB

 AF2FEB

 A817EB

 B747EB

 A000EB

 BE5EEB

 C676EB

 CD8DEB

 D4A4EB

 DCBCEB

 E3D3EB

 EBEBEB

 F3FFEB

Harmonies

Analogous

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



006EFF



AF2FEB



F5009B

Triad

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



AF2FEB



AA6200



0094A6

Complementary

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



AF2FEB



6BEB2F

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.



00914A



AF2FEB



5C7F00

Square

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



AF2FEB



E31F00



008C00



0093F5

Rectangle

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



AF2FEB



FF0062



008C00



009388

Sweetspot

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



AF2FEB



EBC2FF



2F6EEB



745B80



000000



808080

Same Dimension

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



AF2FEB



B10AFF



EB2FCC



726A75



7B00B5



240036

Inverse Universe

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



EB2F6B



FF0A58



2FEB4E



756A6D



B5003A



360011

Previews

White Background



This preview shows how the Hex color AF2FEB 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

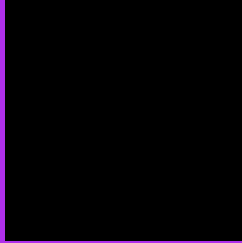
Any Text WCAG AA × Fail

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 AF2FEB Background



This preview shows how black text looks on a background with the Hex color AF2FEB.

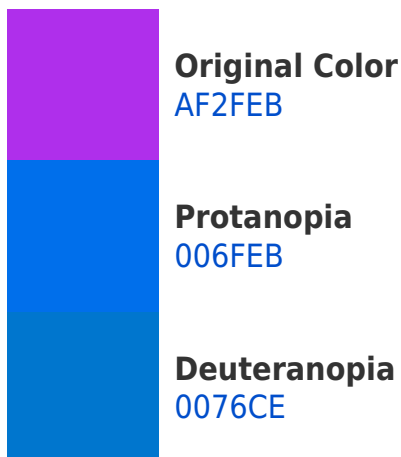


This preview shows how white text looks on a background with the Hex color AF2FEB.

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](#).

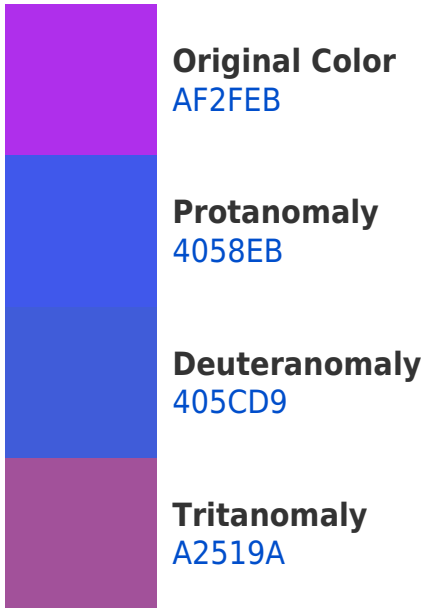
Dichromacy



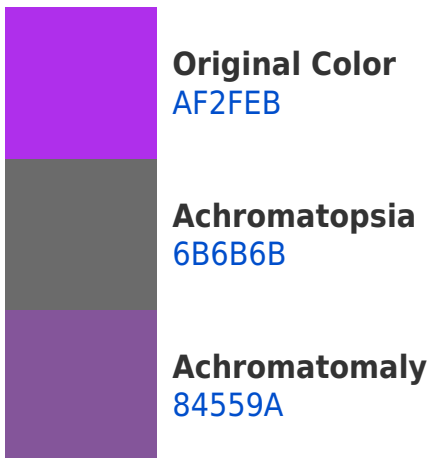


Tritanopia
9A646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF2FEB 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 #AF2FEB looks like.

```
.text, #text, p{  
  color:#AF2FEB  
}
```

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 #AF2FEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF2FEB
}
```

Border

The CSS property to change the border of an element to Hex AF2FEB 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
#AF2FEB }
```

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

```
.border{ border-color:#AF2FEB }
```

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

Here you see how a box with a 4 pixel #AF2FEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF2FEB; -webkit-box-shadow:4px 4px  
4px 4px #AF2FEB; box-shadow:4px 4px 4px  
4px #AF2FEB }
```

Background

The CSS property to change the background color of an element to Hex AF2FEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF2FEB }
```

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

```
.background{ background-color:#AF2FEB }
```

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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