

Converting Colors

Hex(AF5798)

Have a look what the booklet for
Hex(AF5798) contains.

Hex(AF5798)	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(AF5798)

Conversions

Conversions Part 1

Format	Color
Hex	AF5798
RGB	175, 87, 152
RGB Percent	69%, 34%, 60%
CMY	0.3137, 0.6588, 0.4039
CMYK	0.00, 0.50, 0.13, 0.31
HSL	316°, 35%, 51%
HSV	316°, 50%, 69%
XYZ	26.7549, 18.1973, 31.8081
YIQ	120.7220, 31.5830, 38.8710

Conversions

Conversions Part 2

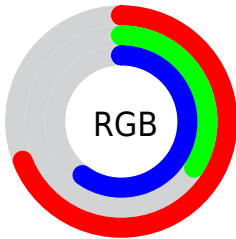
Format	Color
R_{YB}	175, 87, 152
Decimal	11491224
CIE _{Lab}	49.73, 44.35, -19.37
CIE _{LCh}	50, 48.393, 336.405
Yxy	18.1973, 0.3486, 0.2371
Android (android.graphics.Color)	4289681304 (0xFFAF5798)
YUV	120.7220, 15.4201, 47.6018
Hunter-Lab	42.6584, 37.3013, -14.3486

Details

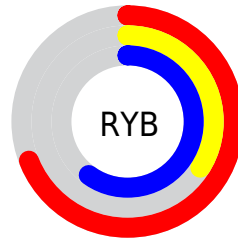
The Hex color **AF5798** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **57AF6E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **E88CCE**, and **782365** is the 20% darker color. If you saturate the color by 10%, you get **AF4693**, and if you desaturate by 10%, it is **AF699D**.

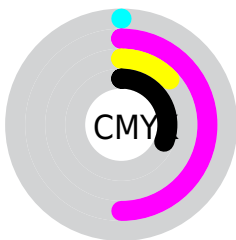
Distribution



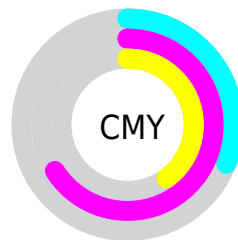
- Red (69%)
- Green (34%)
- Blue (60%)



- Red (69%)
- Yellow (34%)
- Blue (60%)



- Cyan (0%)
- Magenta (50%)
- Yellow (13%)
- Black (31%)



- Cyan (31%)
- Magenta (66%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF5798 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 AF5798 by changing the saturation by 10% instead.

 AF5798

 AF5798

FFFFFF

 933D7E

 E88CCE

 782365

 FFA7EB

 5E014D

 FFC3FF

 440036

 FFDFFF

 2F0021

 FFFDFD

 000004

 000000

 AF5798

 AF5798

 AF4693

 AF699D

 AF348F

 AF7AA1

 AF228A

 AF8BA6

 AF1186

 AF9DAA

 AF0081

 AFAFAF

 AFC0B3

 AFD2B8

 AFE3BD

 AFF4C1

Harmonies

Analogous

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



8468B9



AF5798



C1506F

Triad

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



AF5798



84771C



0089A6

Complementary

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



AF5798



57AF6E

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.



008A7E



AF5798



598230

Square

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



AF5798



A66829



018854



0083C1

Rectangle

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



AF5798



C05454



018854



008A9A

Sweetspot

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



AF5798



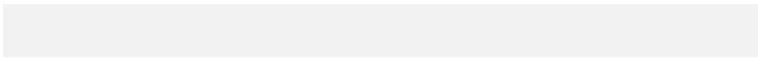
E3C1DA



6D57AF



735E6D



F2F2F2



737373

Same Dimension

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



AF5798



E35BBF



AF576D



574E54



96006F



170011

Inverse Universe

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



AF5798



E35BBF



57AF99



574E54



96006F



170011

Previews

White Background



This preview shows how the Hex color AF5798 looks on a white background.

Color Contrast Check

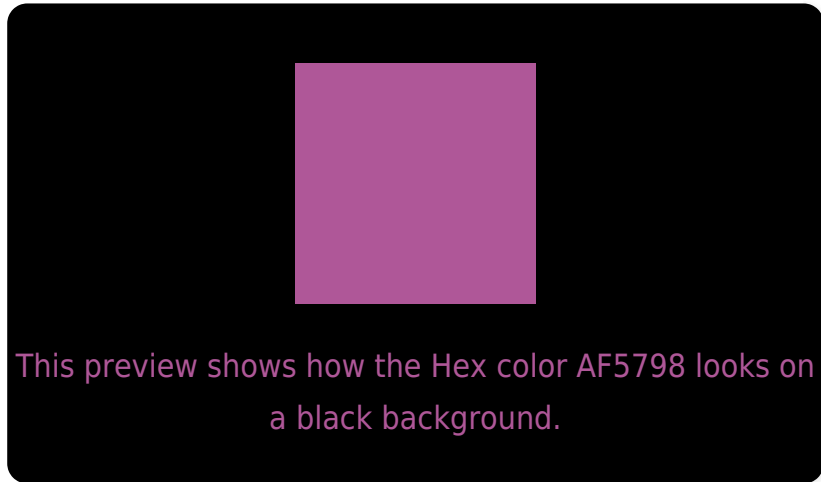
Large Text (above 18pt) WCAG AA ✓ Pass

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

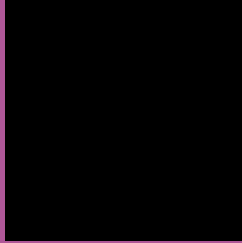
Any Text WCAG AA ✓ Pass

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 AF5798 Background



This preview shows how black text looks on a background with the Hex color AF5798.

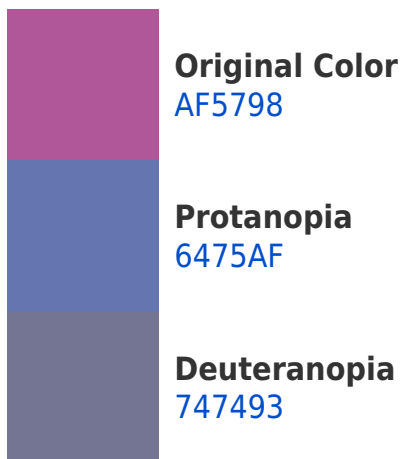



This preview shows how white text looks on a background with the Hex color AF5798.

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](#).

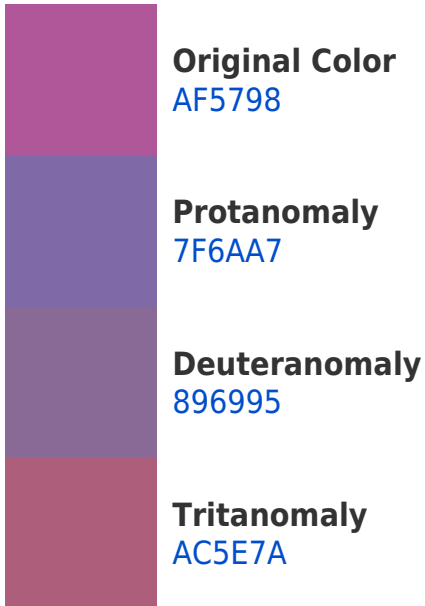
Dichromacy





Tritanopia
AA6269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF5798 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 #AF5798 looks like.

```
.text, #text, p{  
    color:#AF5798  
}
```

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 #AF5798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF5798
}
```

Border

The CSS property to change the border of an element to Hex AF5798 is called "border". The border property can be set on classes, ids or directly on the HTML element.

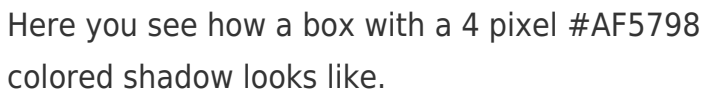
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF5798 }
```

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

```
.border{ border-color:#AF5798 }
```

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



Here you see how a box with a 4 pixel #AF5798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF5798; -webkit-box-shadow:4px 4px  
4px 4px #AF5798; box-shadow:4px 4px 4px  
4px #AF5798 }
```

Background

The CSS property to change the background color of an element to Hex AF5798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF5798 }
```

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

```
.background{ background-color:#AF5798 }
```

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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