

Converting Colors

Hex(A3218A)

Have a look what the booklet for
Hex(A3218A) contains.

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Color

Hex(A3218A)

Conversions

Conversions Part 1

Format	Color
Hex	A3218A
RGB	163, 33, 138
RGB Percent	64%, 13%, 54%
CMY	0.3608, 0.8706, 0.4588
CMYK	0.00, 0.80, 0.15, 0.36
HSL	312°, 66%, 38%
HSV	312°, 80%, 64%
XYZ	20.2356, 10.7092, 25.0453
YIQ	83.8400, 43.7750, 60.2150

Conversions

Conversions Part 2

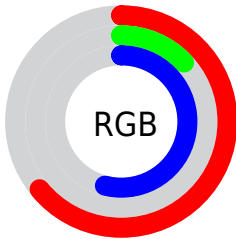
Format	Color
R_{YB}	163, 33, 138
Decimal	10690954
CIE _{Lab}	39.09, 61.12, -27.57
CIE _{LCh}	39, 67.046, 335.723
Yxy	10.7092, 0.3614, 0.1913
Android (android.graphics.Color)	4288881034 (0xFFA3218A)
YUV	83.8400, 26.7009, 69.4233
Hunter-Lab	32.7249, 53.1073, -22.4688

Details

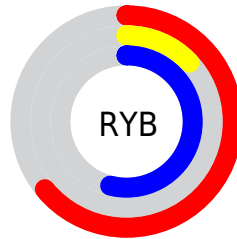
The Hex color **A3218A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **21A33A**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **DD5EC0**, and **6B0058** is the 20% darker color. If you saturate the color by 10%, you get **A31187**, and if you desaturate by 10%, it is **A3318D**.

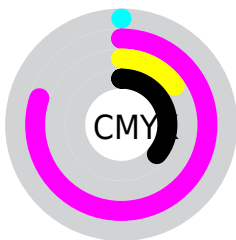
Distribution



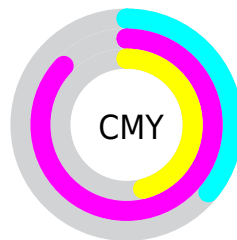
- Red (64%)
- Green (13%)
- Blue (54%)



- Red (64%)
- Yellow (13%)
- Blue (54%)



- Cyan (0%)
- Magenta (80%)
- Yellow (15%)
- Black (36%)



- Cyan (36%)
- Magenta (87%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3218A 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 A3218A by changing the saturation by 10% instead.

 A3218A

 A3218A

FFFFFF

 870070

 DD5EC0

 6B0058

 FB7ADC

 500040

 FF96F8

 38002A

 FFB2FF

 160013

 FFCFFF

 000000

 FFECFF

 A3218A

 A3218A

 A31187

 A3318D

 A30084

 A34290

 A35293

 A36297

 A3729A

 A3839D

 A393A0

 A3A3A3

 A3B4A6

Harmonies

Analogous

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



6547B6



A3218A



B80054

Triad

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



A3218A



685D00



00729B

Complementary

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



A3218A



21A33A

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.



007365



A3218A



2A6A00

Square

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



A3218A



934800



00702B



006DC0

Rectangle

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



A3218A



B61631



00702B



00738A

Sweetspot

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



A3218A



D4A1CA



3921A3



6B4C65



EBEBEB



6B6B6B

Same Dimension

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



A3218A



D408AD



A3214A



524950



910075



12000E

Inverse Universe

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



A3218A



D408AD



21A37A



524950



910075



12000E

Previews

White Background



This preview shows how the Hex color A3218A looks on a white background.

Color Contrast Check

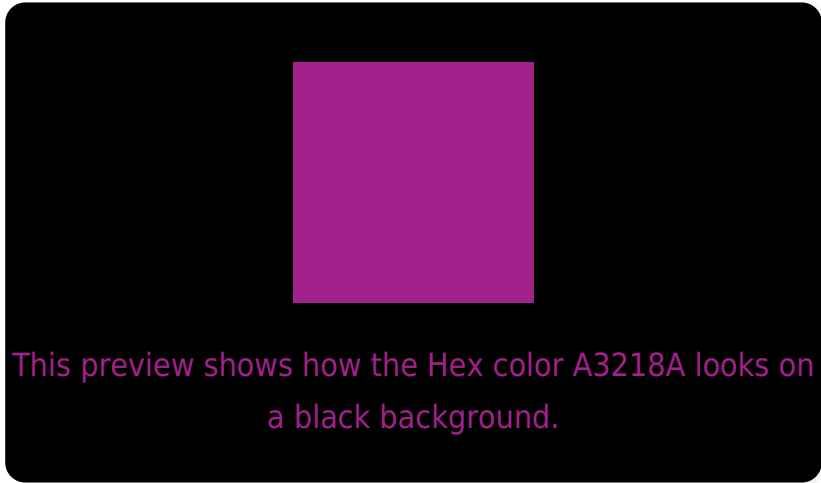
Large Text (above 18pt) WCAG AA ✓ Pass

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

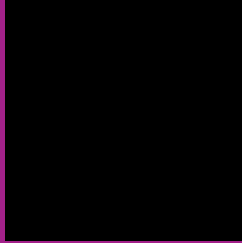
Any Text WCAG AA × Fail

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 A3218A Background



This preview shows how black text looks on a background with the Hex color A3218A.

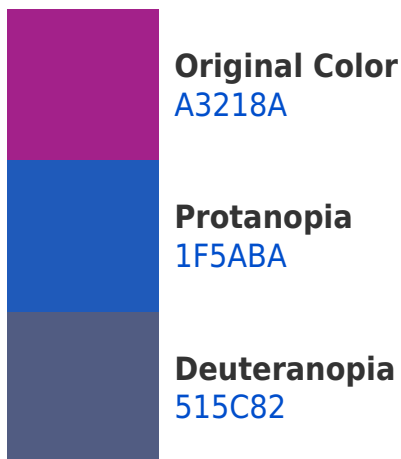


This preview shows how white text looks on a background with the Hex color A3218A.

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](#).

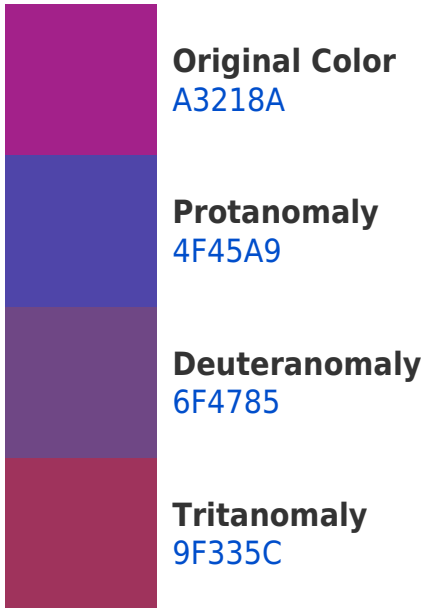
Dichromacy



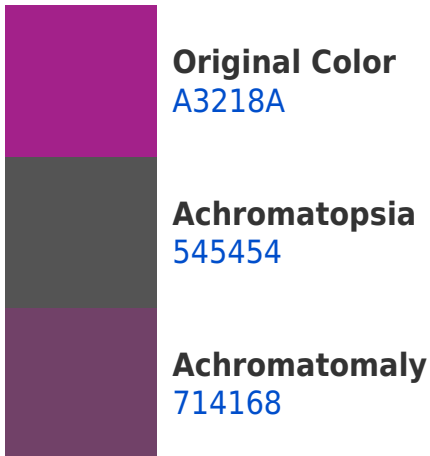


Tritanopia
9C3D41

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3218A 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 #A3218A looks like.

```
.text, #text, p{  
    color:#A3218A  
}
```

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 #A3218A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3218A
}
```

Border

The CSS property to change the border of an element to Hex A3218A 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
#A3218A }
```

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

```
.border{ border-color:#A3218A }
```

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

Here you see how a box with a 4 pixel #A3218A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3218A; -webkit-box-shadow:4px 4px  
4px 4px #A3218A; box-shadow:4px 4px 4px  
4px #A3218A }
```

Background

The CSS property to change the background color of an element to Hex A3218A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3218A }
```

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

```
.background{ background-color:#A3218A }
```

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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