

Converting Colors

Hex(8521AA)

Have a look what the booklet for
Hex(8521AA) contains.

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Color

Hex(8521AA)

Conversions

Conversions Part 1

Format	Color
Hex	8521AA
RGB	133, 33, 170
RGB Percent	52%, 13%, 67%
CMY	0.4784, 0.8706, 0.3333
CMYK	0.22, 0.81, 0.00, 0.33
HSL	284°, 67%, 40%
HSV	284°, 81%, 67%
XYZ	17.4724, 8.9765, 38.8420
YIQ	78.5180, 15.6230, 63.8070

Conversions

Conversions Part 2

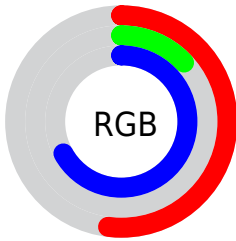
Format	Color
R_{YB}	133, 33, 170
Decimal	8724906
CIE _{Lab}	35.94, 60.42, -52.29
CIE _{LCh}	36, 79.910, 319.125
Yxy	8.9765, 0.2676, 0.1375
Android (android.graphics.Color)	4286914986 (0xFF8521AA)
YUV	78.5180, 45.1006, 47.7807
Hunter-Lab	29.9609, 51.6652, -55.8923

Details

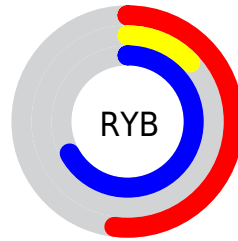
The Hex color **8521AA** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **46AA21**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **BE5BE2**, and **4E0075** is the 20% darker color. If you saturate the color by 10%, you get **8010AA**, and if you desaturate by 10%, it is **8A32AA**.

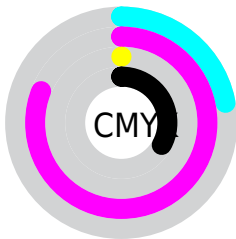
Distribution



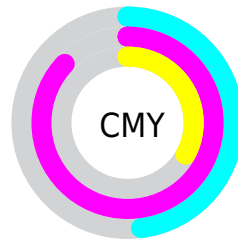
- Red (52%)
- Green (13%)
- Blue (67%)



- Red (52%)
- Yellow (13%)
- Blue (67%)



- Cyan (22%)
- Magenta (81%)
- Yellow (0%)
- Black (33%)



- Cyan (48%)
- Magenta (87%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8521AA 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 8521AA by changing the saturation by 10% instead.

 8521AA

 8521AA

FFFFFF

 69008F

 BE5BE2

 4E0075

 DB76FF

 32005B

 F991FF

 160043

 FFADFF

 00032C

 FFCAFF

 000116

 FFE7FF

 000000

 8521AA

 8521AA

 8010AA

 8A32AA

7C00AA

8E43AA

9354AA

9765AA

9C76AA

A187AA

A598AA

AAA9AA

AEBAAA

Harmonies

Analogous

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



004FD1



8521AA



B6006F

Triad

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



8521AA



7B4A00



006D7D

Complementary

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



8521AA



46AA21

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.



006B3A



8521AA



415E00

Square

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



8521AA



A61E00



006700



006CB6

Rectangle

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



8521AA



BE0045



006700



006D67

Sweetspot

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



8521AA



CFA9DE



2148AA



675070



F0F0F0



707070

Same Dimension

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



8521AA



A407DE



AA218C



524C54



6C0094



0F0014

Inverse Universe

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



AA2146



DE0741



21AA3F



544C4E



940028



140006

Previews

White Background



This preview shows how the Hex color 8521AA looks on a white background.

Color Contrast Check

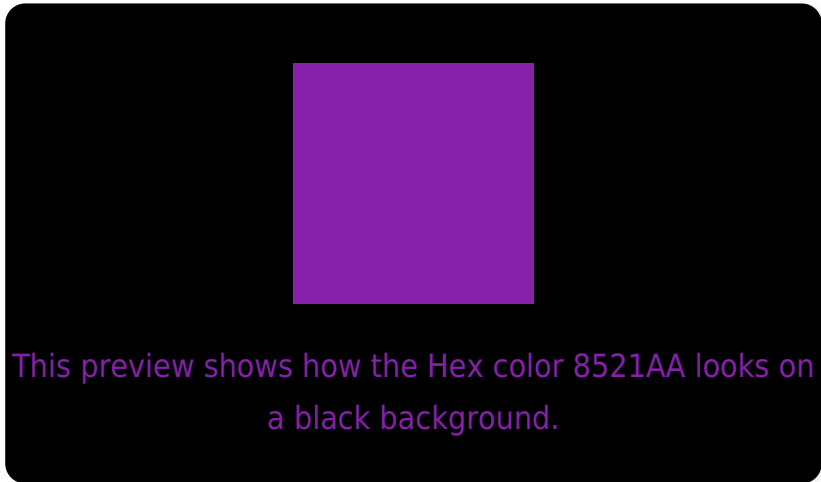
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

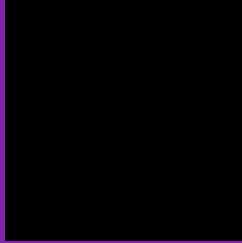
Any Text WCAG AA × Fail

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 8521AA Background



This preview shows how black text looks on a background with the Hex color 8521AA.

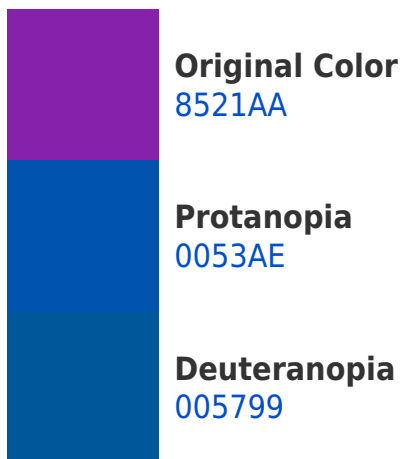



This preview shows how white text looks on a background with the Hex color 8521AA.

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](#).

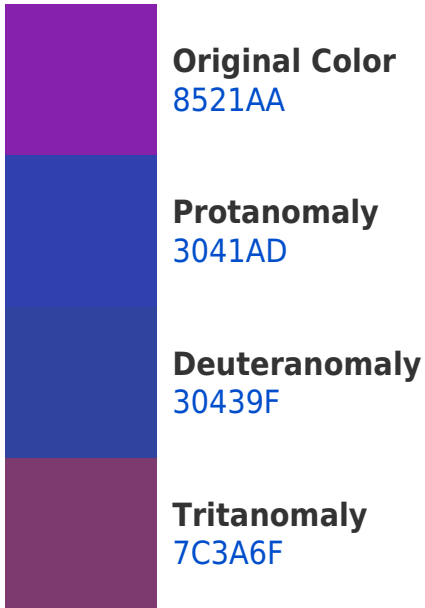
Dichromacy



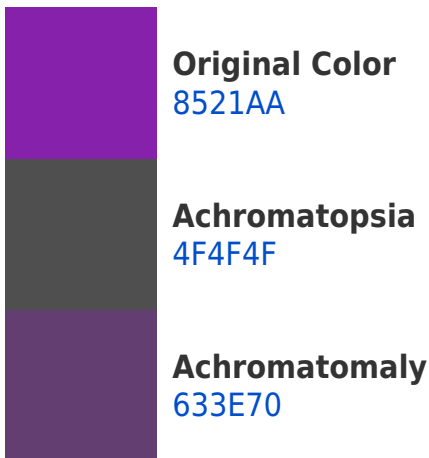


Tritanopia
77484D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8521AA 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 #8521AA looks like.

```
.text, #text, p{  
    color:#8521AA  
}
```

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 #8521AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8521AA
}
```

Border

The CSS property to change the border of an element to Hex 8521AA 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
#8521AA }
```

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

```
.border{ border-color:#8521AA }
```

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

Here you see how a box with a 4 pixel #8521AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8521AA; -webkit-box-shadow:4px 4px  
4px 4px #8521AA; box-shadow:4px 4px 4px  
4px #8521AA }
```

Background

The CSS property to change the background color of an element to Hex 8521AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8521AA }
```

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

```
.background{ background-color:#8521AA }
```

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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