

Converting Colors

Hex(8504AA)

Have a look what the booklet for
Hex(8504AA) contains.

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Color

Hex(8504AA)

Conversions

Conversions Part 1

Format	Color
Hex	8504AA
RGB	133, 4, 170
RGB Percent	52%, 2%, 67%
CMY	0.4784, 0.9843, 0.3333
CMYK	0.22, 0.98, 0.00, 0.33
HSL	287°, 95%, 34%
HSV	287°, 98%, 67%
XYZ	16.9720, 7.9757, 38.6751
YIQ	61.4950, 23.5980, 78.9740

Conversions

Conversions Part 2

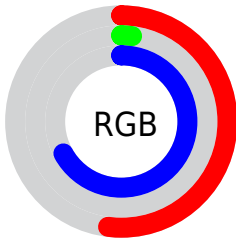
Format	Color
R_{YB}	133, 4, 170
Decimal	8717482
CIE _{Lab}	33.93, 66.33, -55.55
CIE _{LCh}	34, 86.522, 320.056
Yxy	7.9757, 0.2668, 0.1254
Android (android.graphics.Color)	4286907562 (0xFF8504AA)
YUV	61.4950, 53.4930, 62.7099
Hunter-Lab	28.2412, 57.8502, -61.4263

Details

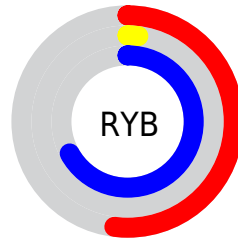
The Hex color **8504AA** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **29AA04**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **BF4EE2**, and **4D0075** is the 20% darker color. If you saturate the color by 10%, you get **8400AA**, and if you desaturate by 10%, it is **8915AA**.

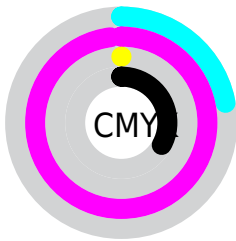
Distribution



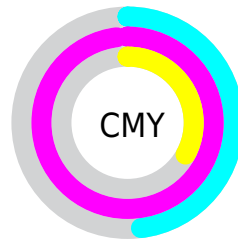
- Red (52%)
- Green (2%)
- Blue (67%)



- Red (52%)
- Yellow (2%)
- Blue (67%)



- Cyan (22%)
- Magenta (98%)
- Yellow (0%)
- Black (33%)



- Cyan (48%)
- Magenta (98%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8504AA 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 8504AA by changing the saturation by 10% instead.

 8504AA

 8504AA

FFFFFF

 69008F

 BF4EE2

 4D0075

 DC6AFF

 31005B

 FA86FF

 120043

 FFA2FF

 00032B

 FFBFFF

 000116

 FFDCFF

 000000

 FFF9FF

 8504AA

 8504AA

■ 8400AA

■ 8915AA

■ 8D26AA

■ 9037AA

■ 9448AA

■ 9859AA

■ 9C6AAA

■ A07BAA

■ A38CAA

■ A79DAA

Harmonies

Analogous

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



004AD5



8504AA



B7006A

Triad

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



8504AA



754500



00697E

Complementary

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



8504AA



29AA04

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.



006736



8504AA



345A00

Square

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



8504AA



A30B00



006300



0068BB

Rectangle

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



8504AA



BF003D



006300



006866

Sweetspot

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



8504AA



D09EDE



042BAA



674970



F0F0F0



707070

Same Dimension

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



8504AA



AC00DE



AA047E



524C54



730094



100014

Inverse Universe

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



AA0429



DE0031



04AA30



544C4E



940021



140005

Previews

White Background



This preview shows how the Hex color 8504AA looks on a white background.

Color Contrast Check

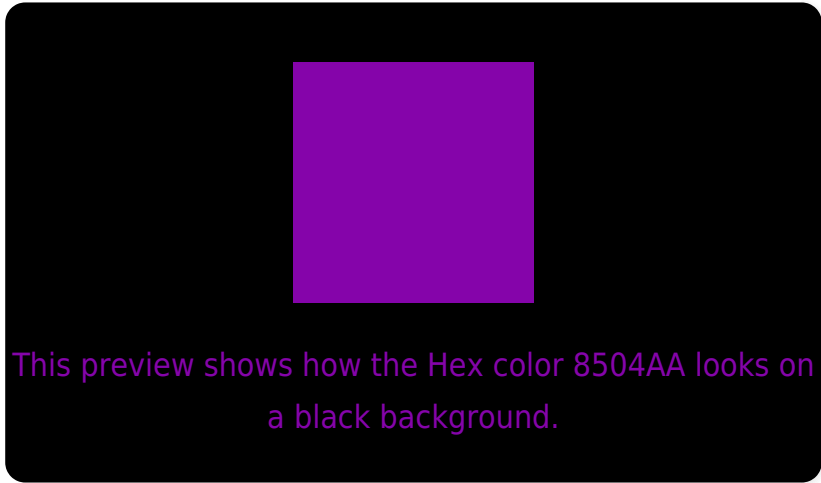
Large Text (above 18pt) WCAG AA ✓ Pass

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

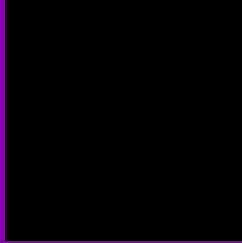
Any Text WCAG AA × Fail

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 8504AA Background



This preview shows how black text looks on a background with the Hex color 8504AA.



This preview shows how white text looks on a background with the Hex color 8504AA.

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



Original Color
8504AA

Protanopia
004FA7

Deuteranopia
005492



Tritanopia
764347

Trichromacy



Original Color
8504AA



Protanomaly
3034A8



Deuteranomaly
30379B



Tritanomaly
7B2C6B

Monochromacy



Original Color
8504AA



Achromatopsia
3D3D3D



Achromatomaly
572865

CSS Examples

Text

The CSS property to change the color of the text to Hex 8504AA 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 #8504AA looks like.

```
.text, #text, p{  
    color:#8504AA  
}
```

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 #8504AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8504AA
}
```

Border

The CSS property to change the border of an element to Hex 8504AA 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
#8504AA }
```

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

```
.border{ border-color:#8504AA }
```

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

Here you see how a box with a 4 pixel #8504AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8504AA; -webkit-box-shadow:4px 4px  
4px 4px #8504AA; box-shadow:4px 4px 4px  
4px #8504AA }
```

Background

The CSS property to change the background color of an element to Hex 8504AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8504AA }
```

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

```
.background{ background-color:#8504AA }
```

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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