

Converting Colors

Hex(A234A7)

Have a look what the booklet for
Hex(A234A7) contains.

Hex(A234A7)	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(A234A7)

Conversions

Conversions Part 1

Format	Color
Hex	A234A7
RGB	162, 52, 167
RGB Percent	64%, 20%, 65%
CMY	0.3647, 0.7961, 0.3451
CMYK	0.03, 0.69, 0.00, 0.35
HSL	297°, 53%, 43%
HSV	297°, 69%, 65%
XYZ	23.1033, 12.9274, 37.8368
YIQ	98.0000, 28.6450, 59.0850

Conversions

Conversions Part 2

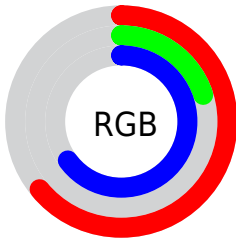
Format	Color
RYB	162, 52, 167
Decimal	10630311
CIELab	42.65, 59.23, -39.48
CIELCh	43, 71.180, 326.311
Yxy	12.9274, 0.3128, 0.1750
Android (android.graphics.Color)	4288820391 (0xFFA234A7)
YUV	98.0000, 34.0170, 56.1280
Hunter-Lab	35.9547, 51.7778, -37.2253

Details

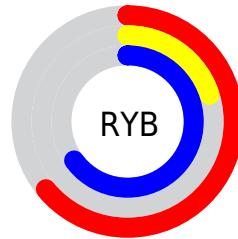
The Hex color **A234A7** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **39A734**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **DC6CDF**, and **6B0072** is the 20% darker color. If you saturate the color by 10%, you get **A123A7**, and if you desaturate by 10%, it is **A345A7**.

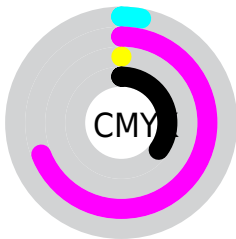
Distribution



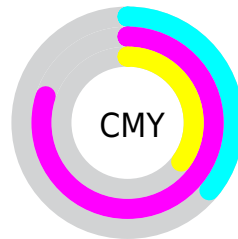
- Red (64%)
- Green (20%)
- Blue (65%)



- Red (64%)
- Yellow (20%)
- Blue (65%)



- Cyan (3%)
- Magenta (69%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (80%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color A234A7 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 A234A7 by changing the saturation by 10% instead.

 A234A7

 A234A7

FFFFFF

 86118C

 DC6CDF

 6B0072

 F987FB

 500059


 FFA3FF

 370041


 FFC0FF

 1B002A

 FFDDFF

 000114

 FFFAFF

 000000

 A234A7

 A234A7

 A123A7

 A345A7

 A113A7

 A355A7

 A002A7

 A466A7

 A000A7

 A577A7

 A687A7

 A698A7

 A7A9A7

 A8BAA7

 A9CAA7

Harmonies

Analogous

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



4758D0



A234A7



C5006F

Triad

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



A234A7



816000



007D98

Complementary

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



A234A7



39A734

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.



007D5B



A234A7



487000

Square

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



A234A7



AC4500



00791A



007AC7

Rectangle

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



A234A7



C90548



00791A



007D84

Sweetspot

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



A234A7



D7ABD9



343AA7



6C526E



EDEDED



6E6E6E

Same Dimension

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



A234A7



D125D9



A73473



544C54



8D0094



140014

Inverse Universe

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



A73439



D9252D



34A768



544C4C



940006



140001

Previews

White Background



This preview shows how the Hex color A234A7 looks on a white background.

Color Contrast Check

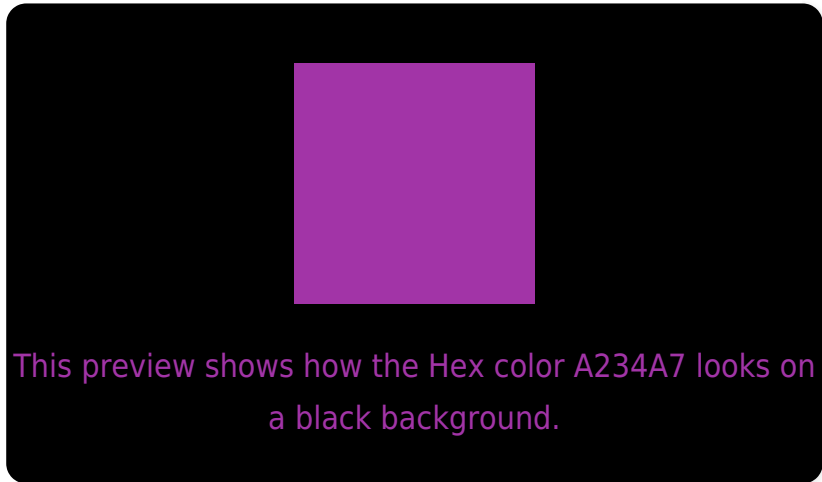
Large Text (above 18pt) WCAG AA ✓ Pass

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

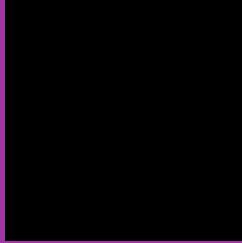
Any Text WCAG AA × Fail

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 A234A7 Background



This preview shows how black text looks on a background with the Hex color A234A7.

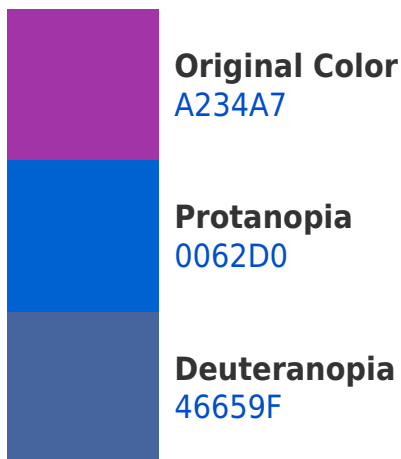


This preview shows how white text looks on a background with the Hex color A234A7.

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](#).

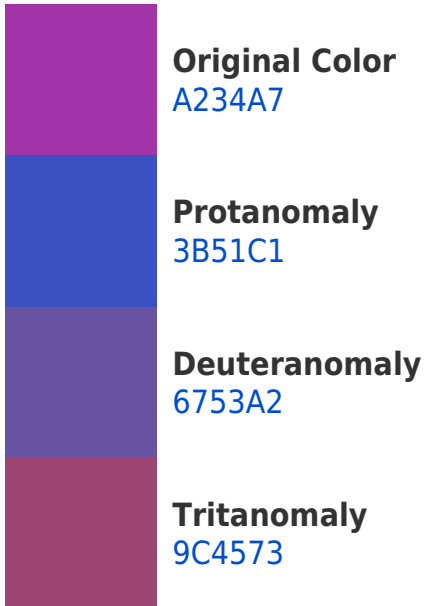
Dichromacy



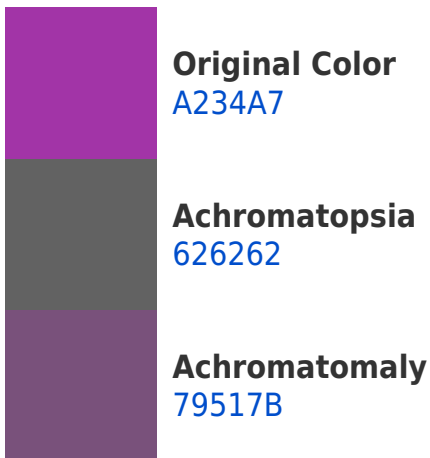


Tritanopia
984F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A234A7 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 #A234A7 looks like.

```
.text, #text, p{  
    color:#A234A7  
}
```

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 #A234A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A234A7
}
```

Border

The CSS property to change the border of an element to Hex A234A7 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
#A234A7 }
```

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

```
.border{ border-color:#A234A7 }
```

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

Here you see how a box with a 4 pixel #A234A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A234A7; -webkit-box-shadow:4px 4px  
4px 4px #A234A7; box-shadow:4px 4px 4px  
4px #A234A7 }
```

Background

The CSS property to change the background color of an element to Hex A234A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A234A7 }
```

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

```
.background{ background-color:#A234A7 }
```

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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