

Converting Colors

Hex(A623A6)

Have a look what the booklet for
Hex(A623A6) contains.

Hex(A623A6)	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(A623A6)

Conversions

Conversions Part 1

Format	Color
Hex	A623A6
RGB	166, 35, 166
RGB Percent	65%, 14%, 65%
CMY	0.3490, 0.8627, 0.3490
CMYK	0.00, 0.79, 0.00, 0.35
HSL	300°, 65%, 39%
HSV	300°, 79%, 65%
XYZ	23.2099, 12.0622, 37.1813
YIQ	89.1030, 36.0250, 68.5130

Conversions

Conversions Part 2

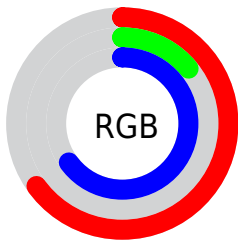
Format	Color
R_{YB}	166, 35, 166
Decimal	10888102
CIE _{Lab}	41.31, 65.48, -40.97
CIE _{LCh}	41, 77.240, 327.962
Yxy	12.0622, 0.3203, 0.1665
Android (android.graphics.Color)	4289078182 (0xFFA623A6)
YUV	89.1030, 37.9102, 67.4387
Hunter-Lab	34.7307, 58.5093, -39.1620

Details

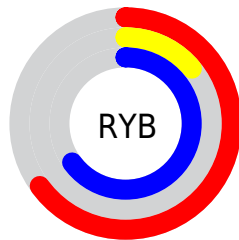
The Hex color **A623A6** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **23A623**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **E061DE**, and **6E0071** is the 20% darker color. If you saturate the color by 10%, you get **A612A6**, and if you desaturate by 10%, it is **A634A6**.

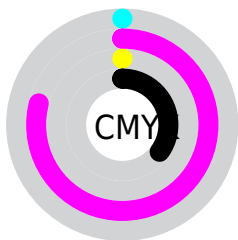
Distribution



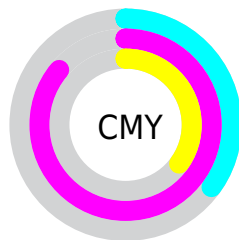
- Red (65%)
- Green (14%)
- Blue (65%)



- Red (65%)
- Yellow (14%)
- Blue (65%)



- Cyan (0%)
- Magenta (79%)
- Yellow (0%)
- Black (35%)



- Cyan (35%)
- Magenta (86%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color A623A6 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 A623A6 by changing the saturation by 10% instead.

 A623A6

 A623A6

FFFFFF

 8A008B

 E061DE

 6E0071

 FE7DFA

 520058

 FF99FF

 390040

 FFB6FF

 1C0029

 FFD3FF

 000113

 FFF0FF

 000000

 A623A6

 A623A6

 A612A6

 A634A6

 A602A6

 A644A6

 A600A6

 A655A6

 A665A6

 A676A6

 A687A6

 A697A6

 A6A8A6

 A6B8A6

Harmonies

Analogous

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



4452D4



A623A6



C90069

Triad

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



A623A6



7B5E00



007B9C

Complementary

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



A623A6



23A623

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.



007A5B



A623A6



3B6E00

Square

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



A623A6



AA3F00



007711



0078CE

Rectangle

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



A623A6



CB003F



007711



007B87

Sweetspot

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



A623A6



D9A5D9



2323A6



6E4E6E



EDEDED



6E6E6E

Same Dimension

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



A623A6



D90BD9



A62364



544C54



940094



140014

Inverse Universe

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



A623A6



D90BD9



23A664



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color A623A6 looks on a white background.

Color Contrast Check

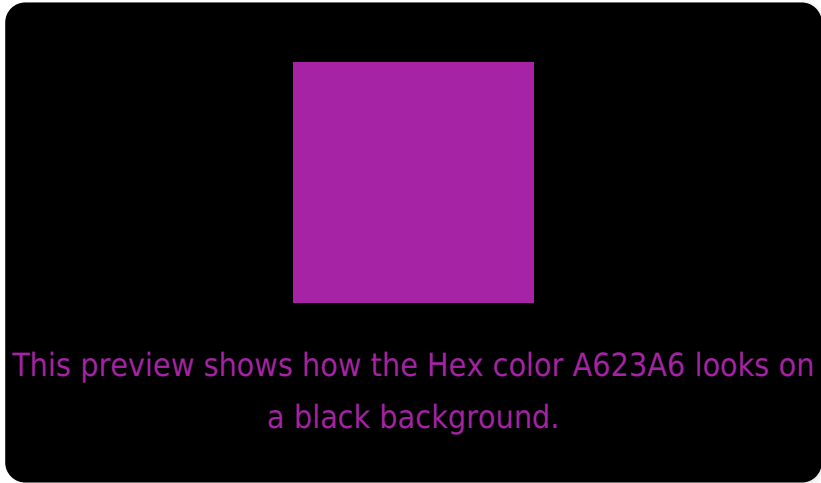
Large Text (above 18pt) WCAG AA ✓ Pass

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

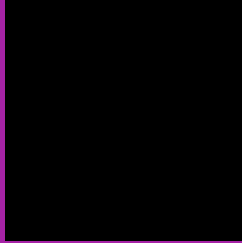
Any Text WCAG AA × Fail

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 A623A6 Background



This preview shows how black text looks on a background with the Hex color A623A6.

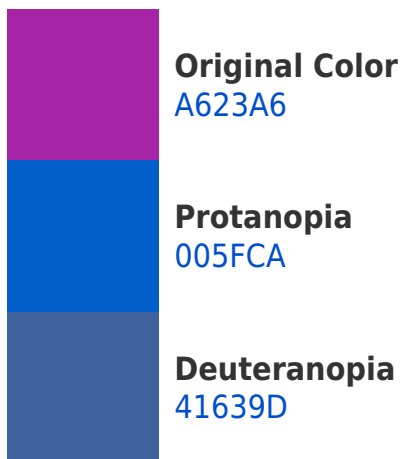



This preview shows how white text looks on a background with the Hex color A623A6.

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
9C474C

Trichromacy



Original Color
A623A6



Protanomaly
3C49BD



Deuteranomaly
664CA0



Tritanomaly
A03A6D

Monochromacy



Original Color
A623A6



Achromatopsia
595959



Achromatomaly
754575

CSS Examples

Text

The CSS property to change the color of the text to Hex A623A6 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 #A623A6 looks like.

```
.text, #text, p{  
    color:#A623A6  
}
```

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 #A623A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A623A6
}
```

Border

The CSS property to change the border of an element to Hex A623A6 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".

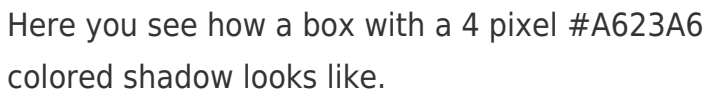
```
.border, #border, table{ border:4px solid
#A623A6 }
```

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

```
.border{ border-color:#A623A6 }
```

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

Here you see how a box with a 4 pixel #A623A6 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A623A6; -webkit-box-shadow:4px 4px  
4px 4px #A623A6; box-shadow:4px 4px 4px  
4px #A623A6 }
```

Background

The CSS property to change the background color of an element to Hex A623A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A623A6 }
```

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

```
.background{ background-color:#A623A6 }
```

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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