

# Converting Colors

Hex(A613A4)

Have a look what the booklet for  
Hex(A613A4) contains.

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# Color

**Hex(A613A4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A613A4
RGB	166, 19, 164
RGB Percent	65%, 7%, 64%
CMY	0.3490, 0.9255, 0.3569
CMYK	0.00, 0.89, 0.01, 0.35
HSL	301°, 79%, 36%
HSV	301°, 89%, 65%
XYZ	22.6596, 11.2531, 36.0997
YIQ	79.4830, 41.0670, 76.2590

# Conversions

## Conversions Part 2

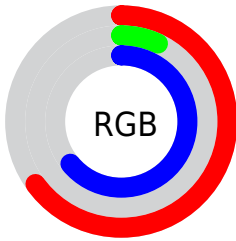
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 19, 164
Decimal	10884004
CIE <sub>Lab</sub>	40.00, 68.64, -41.87
CIE <sub>LCh</sub>	40, 80.399, 328.619
Yxy	11.2531, 0.3237, 0.1607
Android (android.graphics.Color)	4289074084 (0xFFA613A4)
YUV	79.4830, 41.6669, 75.8754
Hunter-Lab	33.5456, 61.8695, -40.3224

# Details

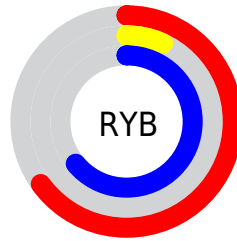
The Hex color **A613A4** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **13A615**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **E158DC**, and **6D006F** is the 20% darker color. If you saturate the color by 10%, you get **A602A4**, and if you desaturate by 10%, it is **A624A4**.

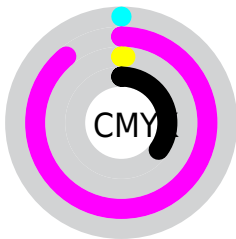
# Distribution



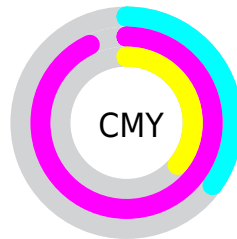
- Red (65%)
- Green (7%)
- Blue (64%)



- Red (65%)
- Yellow (7%)
- Blue (64%)



- Cyan (0%)
- Magenta (89%)
- Yellow (1%)
- Black (35%)



- Cyan (35%)
- Magenta (93%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A613A4 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 A613A4 by changing the saturation by 10% instead.



 A613A4

 A613A4

FFFFFF

 890089

 E158DC

 6D006F

 FF75F8

 520056

 FF92FF

 39003F

 FFAFFF

 1A0028

 FFC0FF

 000111

 FFE9FF

 000000

 A613A4

 A613A4

 A602A4

 A624A4

 A600A4

 A634A4

 A645A5

 A655A5

 A666A5

 A677A5

 A687A6

 A698A6

 A6A8A6

# Harmonies

## Analogous

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



404ED4



A613A4



C90064

# Triad

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



A613A4



765B00



00789C

# Complementary

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



A613A4



13A615

# 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.



007759



A613A4



336C00

# Square

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



A613A4



A73B00



007409



0075D0

# Rectangle

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



A613A4



CA003A



007409



007887



# Sweetspot

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



A613A4



D99ED8



1313A6



6E4B6D



EDEDED



6E6E6E



# Same Dimension

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



A613A4



D900D6



A6135D



544C54



940092



140014



# Inverse Universe

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



A613A4



D900D6



13A65D



544C54



940092



140014



# Previews

## White Background



This preview shows how the Hex color A613A4 looks on a white background.

## Color Contrast Check

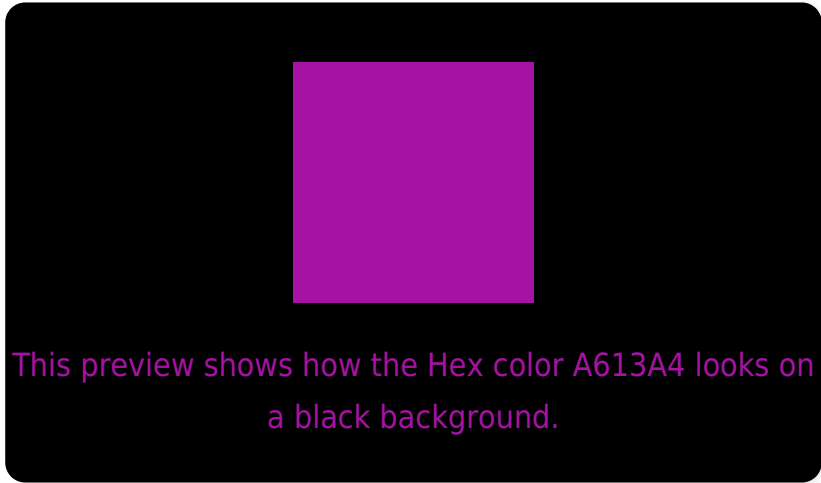
Large Text (above 18pt) WCAG AA ✓ Pass

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

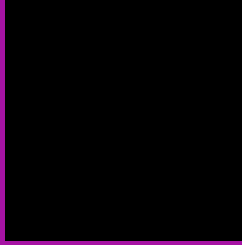
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A613A4 Background



This preview shows how black text looks on a background with the Hex color A613A4.

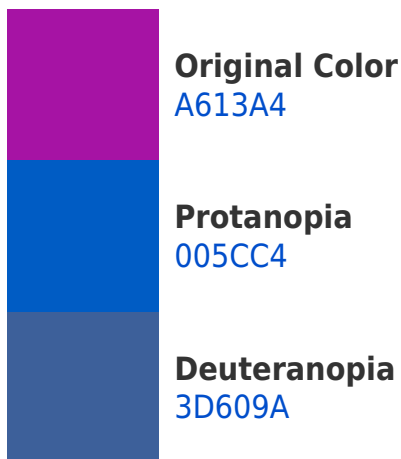


This preview shows how white text looks on a background with the Hex color A613A4.

# 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**  
9C4246

# Trichromacy



**Original Color**  
A613A4



**Protanomaly**  
3C41B8



**Deuteranomaly**  
63449E

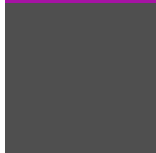


**Tritanomaly**  
A03168

# Monochromacy



**Original Color**  
A613A4



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
6F396E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A613A4 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 #A613A4 looks like.

```
.text, #text, p{  
    color:#A613A4  
}
```

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 #A613A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A613A4
}
```

## Border

The CSS property to change the border of an element to Hex A613A4 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
#A613A4 }
```

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

```
.border{ border-color:#A613A4 }
```

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

Here you see how a box with a 4 pixel #A613A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A613A4; -webkit-box-shadow:4px 4px  
4px 4px #A613A4; box-shadow:4px 4px 4px  
4px #A613A4 }
```

# Background

The CSS property to change the background color of an element to Hex A613A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A613A4 }
```

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

```
.background{ background-color:#A613A4 }
```

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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