

Converting Colors

Hex(AA15A0)

Have a look what the booklet for
Hex(AA15A0) contains.

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Color

Hex(AA15A0)

Conversions

Conversions Part 1

Format	Color
Hex	AA15A0
RGB	170, 21, 160
RGB Percent	67%, 8%, 63%
CMY	0.3333, 0.9176, 0.3725
CMYK	0.00, 0.88, 0.06, 0.33
HSL	304°, 78%, 37%
HSV	304°, 88%, 67%
XYZ	23.1909, 11.6204, 34.2784
YIQ	81.3970, 44.1850, 74.8170

Conversions

Conversions Part 2

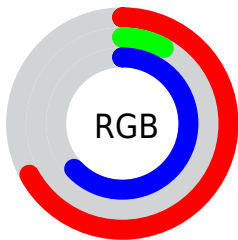
Format	Color
R_{YB}	170, 21, 160
Decimal	11146656
CIE _{Lab}	40.61, 68.44, -38.46
CIE _{LCh}	41, 78.509, 330.669
Yxy	11.6204, 0.3357, 0.1682
Android (android.graphics.Color)	4289336736 (0xFFAA15A0)
YUV	81.3970, 38.7513, 77.7048
Hunter-Lab	34.0888, 61.7798, -35.7576

Details

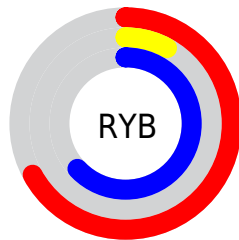
The Hex color **AA15A0** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **15AA1F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **E55AD7**, and **71006C** is the 20% darker color. If you saturate the color by 10%, you get **AA049F**, and if you desaturate by 10%, it is **AA26A1**.

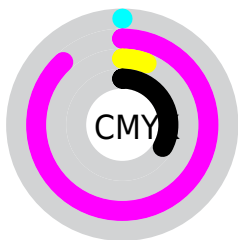
Distribution



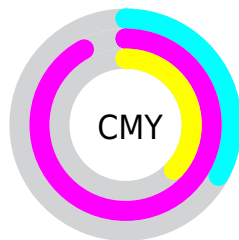
- Red (67%)
- Green (8%)
- Blue (63%)



- Red (67%)
- Yellow (8%)
- Blue (63%)



- Cyan (0%)
- Magenta (88%)
- Yellow (6%)
- Black (33%)



- Cyan (33%)
- Magenta (92%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA15A0 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 AA15A0 by changing the saturation by 10% instead.

■ AA15A0

■ AA15A0

FFFFFF

■ 8D0085

■ E55AD7

■ 71006C

■ FF77F4

■ 560053

■ FF93FF

■ 3D003C

■ FFB0FF

■ 1F0025

■ FFCDFE

■ 00000C

■ FFE8FF

■ 000000

■ AA15A0

■ AA15A0

■ AA049F

■ AA26A1

■ AA009F

■ AA37A2

■ AA48A3

■ AA59A5

■ AA6AA6

■ AA7BA7

■ AA8CA8

■ AA9DA9

■ AAAEAA

Harmonies

Analogous

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



504DD0



AA15A0



C90061

Triad

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



AA15A0



745E00



0079A0

Complementary

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



AA15A0



15AA1F

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.



007960



AA15A0



306E00

Square

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



AA15A0



A54000



007517



0076D1

Rectangle

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



AA15A0



C90038



007517



00798C

Sweetspot

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



AA15A0



DEA4DA



1F15AA



704D6E



F0F0F0



707070

Same Dimension

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



AA15A0



DE00CF



AA1556



544C54



94008A



140013

Inverse Universe

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



AA15A0



DE00CF



15AA69



544C54



94008A



140013

Previews

White Background



This preview shows how the Hex color AA15A0 looks on a white background.

Color Contrast Check

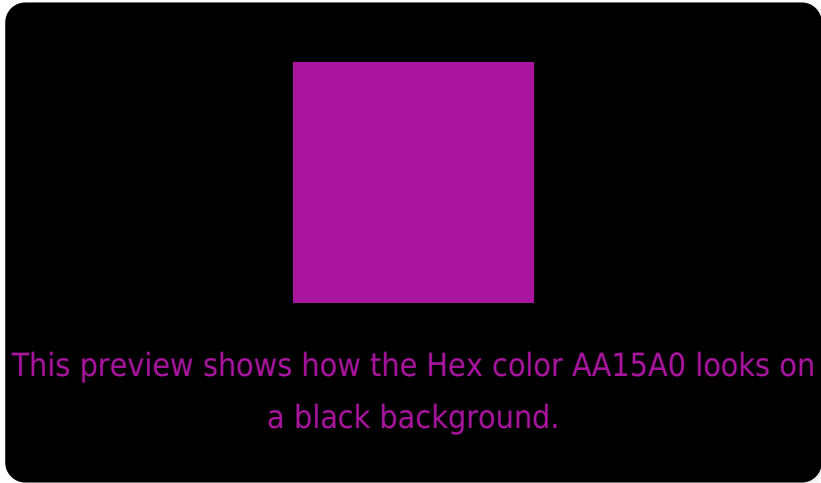
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA15A0 Background



This preview shows how black text looks on a background with the Hex color AA15A0.

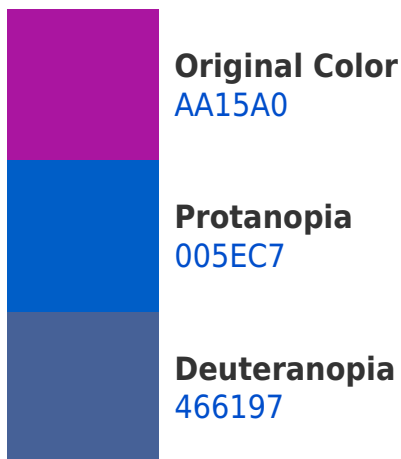



This preview shows how white text looks on a background with the Hex color AA15A0.

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
A14145

Trichromacy



Original Color

AA15A0



Protanomaly

3E43B9



Deuteranomaly

6A459A



Tritanomaly

A43166

Monochromacy



Original Color

AA15A0



Achromatopsia

515151



Achromatomaly

713B6E

CSS Examples

Text

The CSS property to change the color of the text to Hex AA15A0 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 #AA15A0 looks like.

```
.text, #text, p{  
    color:#AA15A0  
}
```

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 #AA15A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA15A0
}
```

Border

The CSS property to change the border of an element to Hex AA15A0 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
#AA15A0 }
```

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

```
.border{ border-color:#AA15A0 }
```

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

Here you see how a box with a 4 pixel #AA15A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA15A0; -webkit-box-shadow:4px 4px  
4px 4px #AA15A0; box-shadow:4px 4px 4px  
4px #AA15A0 }
```

Background

The CSS property to change the background color of an element to Hex AA15A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA15A0 }
```

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

```
.background{ background-color:#AA15A0 }
```

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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