

Converting Colors

Hex(A56AC9)

Have a look what the booklet for
Hex(A56AC9) contains.

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Color

Hex(A56AC9)

Conversions

Conversions Part 1

Format	Color
Hex	A56AC9
RGB	165, 106, 201
RGB Percent	65%, 42%, 79%
CMY	0.3529, 0.5843, 0.2118
CMYK	0.18, 0.47, 0.00, 0.21
HSL	277°, 47%, 60%
HSV	277°, 47%, 79%
XYZ	31.2137, 22.5244, 57.9609
YIQ	134.4710, 4.6690, 42.0530

Conversions

Conversions Part 2

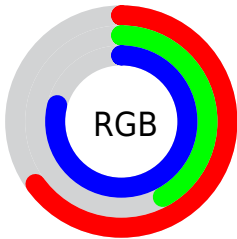
Format	Color
RYB	165, 106, 201
Decimal	10840777
CIELab	54.58, 40.74, -40.40
CIELCh	55, 57.378, 315.241
Yxy	22.5244, 0.2794, 0.2017
Android (android.graphics.Color)	4289030857 (0xFFA56AC9)
YUV	134.4710, 32.7988, 26.7739
Hunter-Lab	47.4599, 34.3420, -39.1865

Details

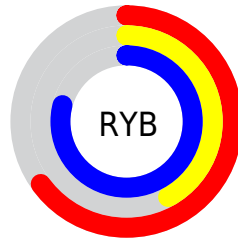
The Hex color **A56AC9** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **8EC96A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **DE9FFF**, and **6F3892** is the 20% darker color. If you saturate the color by 10%, you get **9D56C9**, and if you desaturate by 10%, it is **AD7EC9**.

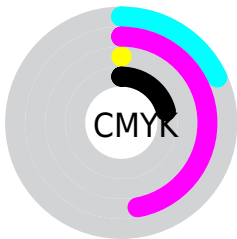
Distribution



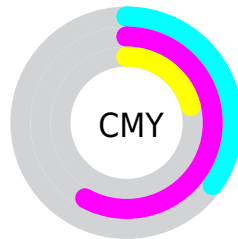
- Red (65%)
- Green (42%)
- Blue (79%)



- Red (65%)
- Yellow (42%)
- Blue (79%)



- Cyan (18%)
- Magenta (47%)
- Yellow (0%)
- Black (21%)



- Cyan (35%)
- Magenta (58%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color A56AC9 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 A56AC9 by changing the saturation by 10% instead.

 A56AC9

 A56AC9

FFFFFF

 8A51AD

 DE9FFF

 6F3892

 FBBAFF

 551F78

 FFD6FF

 3B045F

 FFF3FF

 220047

 000030

 00011A

 000000

 A56AC9

 A56AC9

9D56C9

AD7EC9

9642C9

B492C9

8E2EC9

BCA6C9

871AC9

C3BAC9

7F06C9

CBCFC9

7D00C9

D3E3C9

DAF7C9

E2FFC9

EAF7C9

Harmonies

Analogous

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



507FE3



A56AC9



D0569D

Triad

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



A56AC9



B07719



009A9B

Complementary

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



A56AC9



8EC96A

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.



009868



A56AC9



848812

Square

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



A56AC9



CF633E



4A9338



0097C8

Rectangle

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



A56AC9



DB527C



4A9338



009A8A

Sweetspot

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



A56AC9



F1DBFF



6A8EC9



776A80



000000



808080

Same Dimension

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



A56AC9



C86EFF



C96ABE



605A63



6500A3



160024

Inverse Universe

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



C96A8E



FF6EA5



6AC975



635A5D



A3003E



24000E

Previews

White Background



This preview shows how the Hex color A56AC9 looks on a white background.

Color Contrast Check

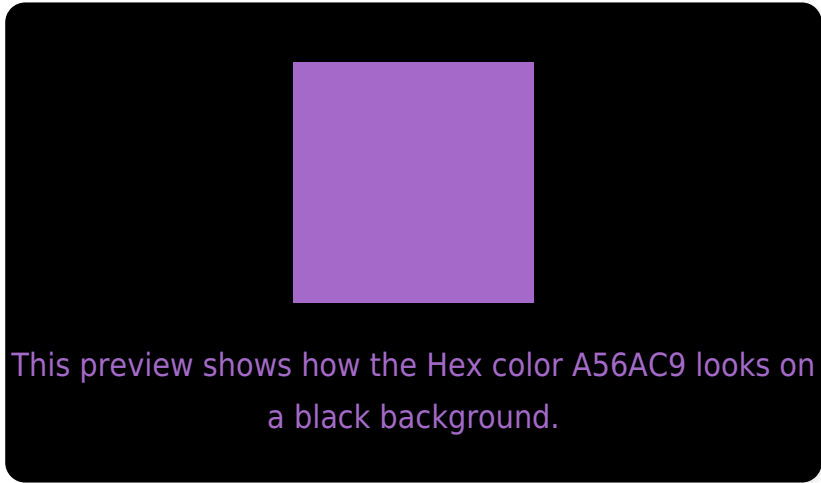
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

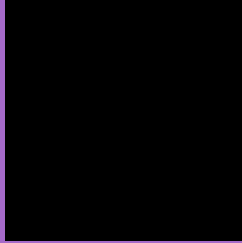
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex A56AC9 Background



This preview shows how black text looks on a background with the Hex color A56AC9.

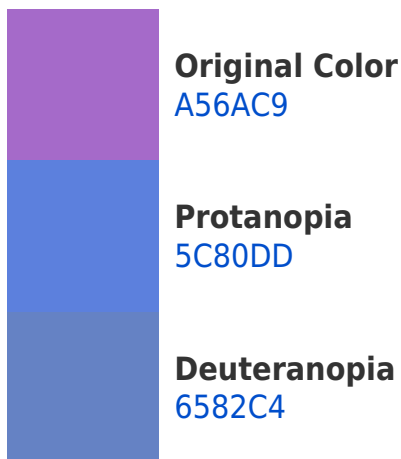


This preview shows how white text looks on a background with the Hex color A56AC9.

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](#).

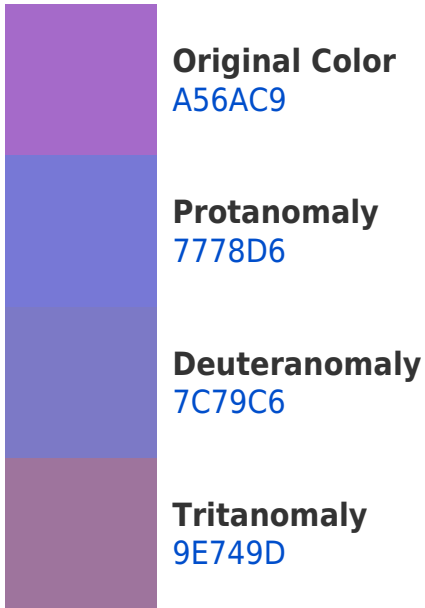
Dichromacy



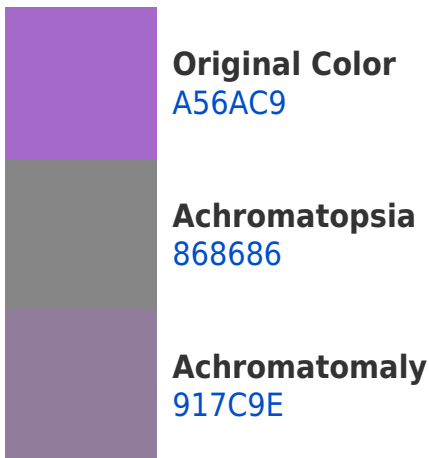


Tritanopia
9A7A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A56AC9 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 #A56AC9 looks like.

```
.text, #text, p{  
    color:#A56AC9  
}
```

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 #A56AC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A56AC9
}
```

Border

The CSS property to change the border of an element to Hex A56AC9 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
#A56AC9 }
```

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

```
.border{ border-color:#A56AC9 }
```

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

Here you see how a box with a 4 pixel #A56AC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A56AC9; -webkit-box-shadow:4px 4px  
4px 4px #A56AC9; box-shadow:4px 4px 4px  
4px #A56AC9 }
```

Background

The CSS property to change the background color of an element to Hex A56AC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A56AC9 }
```

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

```
.background{ background-color:#A56AC9 }
```

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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