

Converting Colors

Hex(A55BD8)

Have a look what the booklet for
Hex(A55BD8) contains.

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Color

Hex(A55BD8)

Conversions

Conversions Part 1

Format	Color
Hex	A55BD8
RGB	165, 91, 216
RGB Percent	65%, 36%, 85%
CMY	0.3529, 0.6431, 0.1529
CMYK	0.24, 0.58, 0.00, 0.15
HSL	276°, 62%, 60%
HSV	276°, 58%, 85%
XYZ	31.6528, 20.4394, 67.2427
YIQ	127.3760, 3.9790, 54.5630

Conversions

Conversions Part 2

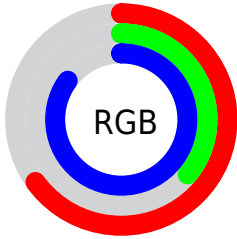
Format	Color
RYB	165, 91, 216
Decimal	10836952
CIELab	52.33, 52.05, -52.51
CIELCh	52, 73.930, 314.748
Yxy	20.4394, 0.2652, 0.1713
Android (android.graphics.Color)	4289027032 (0xFFA55BD8)
YUV	127.3760, 43.6916, 32.9962
Hunter-Lab	45.2099, 45.8558, -56.5376

Details

The Hex color **A55BD8** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **8ED85B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **DF90FF**, and **6D26A0** is the 20% darker color. If you saturate the color by 10%, you get **9C45D8**, and if you desaturate by 10%, it is **AE71D8**.

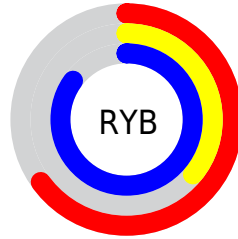
Distribution



Red (65%)

Green (36%)

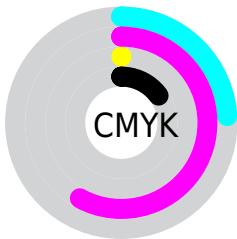
Blue (85%)



Red (65%)

Yellow (36%)

Blue (85%)

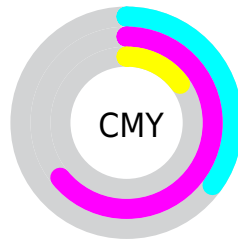


Cyan (24%)

Magenta (58%)

Yellow (0%)

Black (15%)



Cyan (35%)

Magenta (64%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color A55BD8 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 A55BD8 by changing the saturation by 10% instead.

 A55BD8

 A55BD8

FFFFFF

 8941BC

 DF90FF

 6D26A0

 FCACFF

 520586

 FFC8FF

 36006C

 FFE4FF

 1B0053

 00003B

 000224

 00000C

 000000

 A55BD8

 A55BD8

 9C45D8

 AE71D8

 9330D8

 B786D8

 8B1AD8

 BF9CD8

 8205D8

 C8B1D8

 8000D8

 D1C7D8

 DADDD8

 E3F2D8

 ECFFD8

 F4FFD8

Harmonies

Analogous

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



007AF9



A55BD8



DC36A0

Triad

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



A55BD8



B16E00



00989B

Complementary

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



A55BD8



8ED85B

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.



009659



A55BD8



7A8400

Square

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



A55BD8



D94E23



25900E



0096D6

Rectangle

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



A55BD8



EA2A76



25900E



009886

Sweetspot

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



A55BD8



EDD4FF



5B8FD8



756680



000000



808080

Same Dimension

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



A55BD8



B74FFF



D85BCE



67606B



6500AB



1A002B

Inverse Universe

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



D85B8E



FF4F97



5BD865



6B6065



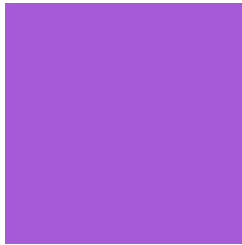
AB0046



2B0012

Previews

White Background



This preview shows how the Hex color A55BD8 looks on a white background.

Color Contrast Check

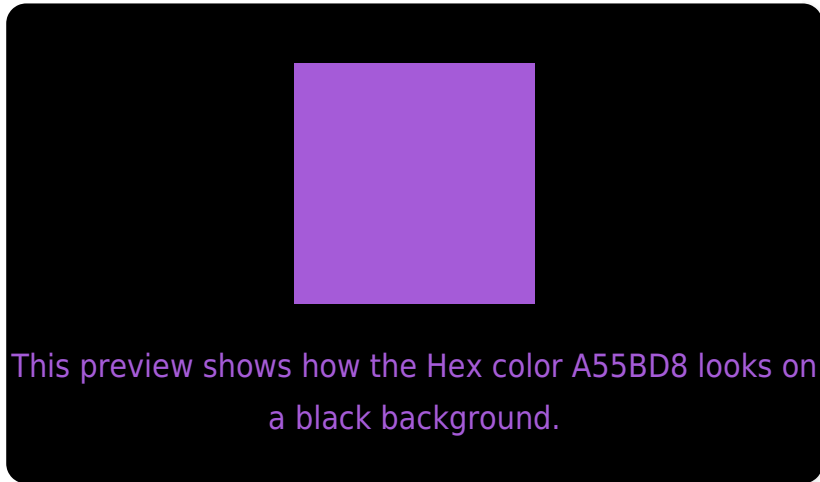
Large Text (above 18pt) WCAG AA ✓ Pass

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

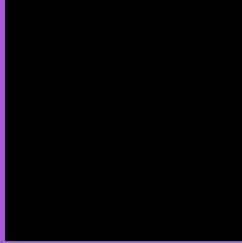
Any Text WCAG AA ✓ Pass

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 A55BD8 Background



This preview shows how black text looks on a background with the Hex color A55BD8.

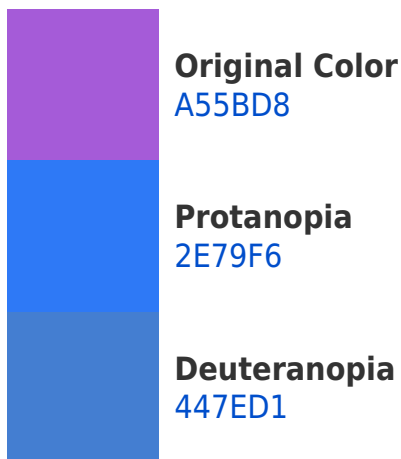


This preview shows how white text looks on a background with the Hex color A55BD8.

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](#).

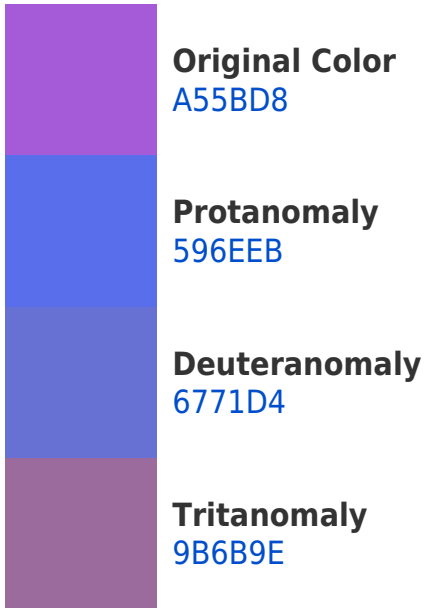
Dichromacy



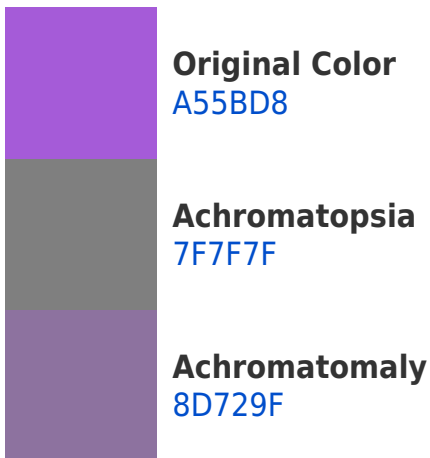


Tritanopia
96747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A55BD8 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 #A55BD8 looks like.

```
.text, #text, p{  
    color:#A55BD8  
}
```

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 #A55BD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A55BD8
}
```

Border

The CSS property to change the border of an element to Hex A55BD8 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
#A55BD8 }
```

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

```
.border{ border-color:#A55BD8 }
```

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

Here you see how a box with a 4 pixel #A55BD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A55BD8; -webkit-box-shadow:4px 4px  
4px 4px #A55BD8; box-shadow:4px 4px 4px  
4px #A55BD8 }
```

Background

The CSS property to change the background color of an element to Hex A55BD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A55BD8 }
```

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

```
.background{ background-color:#A55BD8 }
```

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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