

Converting Colors

Hex(A55ED0)

Have a look what the booklet for
Hex(A55ED0) contains.

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Color

Hex(A55ED0)

Conversions

Conversions Part 1

Format	Color
Hex	A55ED0
RGB	165, 94, 208
RGB Percent	65%, 37%, 82%
CMY	0.3529, 0.6314, 0.1843
CMYK	0.21, 0.55, 0.00, 0.18
HSL	277°, 55%, 59%
HSV	277°, 55%, 82%
XYZ	30.9049, 20.5588, 62.0139
YIQ	128.2250, 5.7220, 50.5060

Conversions

Conversions Part 2

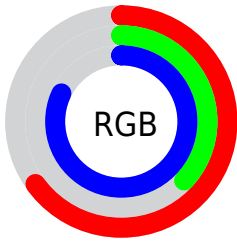
Format	Color
RYB	165, 94, 208
Decimal	10837712
CIELab	52.46, 48.72, -47.74
CIElCh	52, 68.214, 315.581
Yxy	20.5588, 0.2723, 0.1812
Android (android.graphics.Color)	4289027792 (0xFFA55ED0)
YUV	128.2250, 39.3291, 32.2517
Hunter-Lab	45.3418, 42.3172, -49.3515

Details

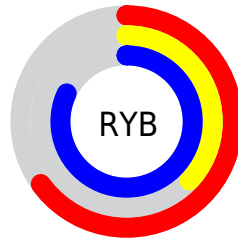
The Hex color **A55ED0** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **89D05E**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **DE93FF**, and **6E2A99** is the 20% darker color. If you saturate the color by 10%, you get **9D49D0**, and if you desaturate by 10%, it is **AD73D0**.

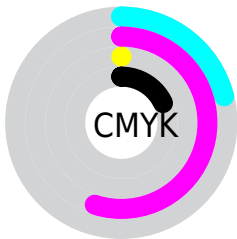
Distribution



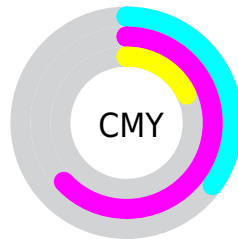
- Red (65%)
- Green (37%)
- Blue (82%)



- Red (65%)
- Yellow (37%)
- Blue (82%)



- Cyan (21%)
- Magenta (55%)
- Yellow (0%)
- Black (18%)



- Cyan (35%)
- Magenta (63%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color A55ED0 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 A55ED0 by changing the saturation by 10% instead.

 A55ED0

 A55ED0

FFFFFF

 8944B4

 DE93FF

 6E2A99

 FCAEFF

 530D7E

 FFCAFF

 380065

 FFE7FF

 1F004C

 000035

 00021E

 000001

 000000

 A55ED0

 A55ED0

 9D49D0

 AD73D0

 9534D0

 B588D0

 8D20D0

 BD9CD0

 860BD0

 C4B1D0

 8200D0

 CCC6D0

 D4DBD0

 DCF0D0

 E4FFD0

 ECFFD0

Harmonies

Analogous

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



287AEF



A55ED0



D7419C

Triad

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



A55ED0



AE7000



00979B

Complementary

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



A55ED0



89D05E

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.



00965E



A55ED0



7B8400

Square

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



A55ED0



D3552A



2F9020



0095D0

Rectangle

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



A55ED0



E33975



2F9020



009787

Sweetspot

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



A55ED0



F0D6FF



5E8AD0



766780



000000



808080

Same Dimension

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



A55ED0



C057FF



D05EC3



655E69



6900A8



190029

Inverse Universe

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



D05E89



FF5796



5ED06B



695E62



A8003F



29000F

Previews

White Background



This preview shows how the Hex color A55ED0 looks on a white background.

Color Contrast Check

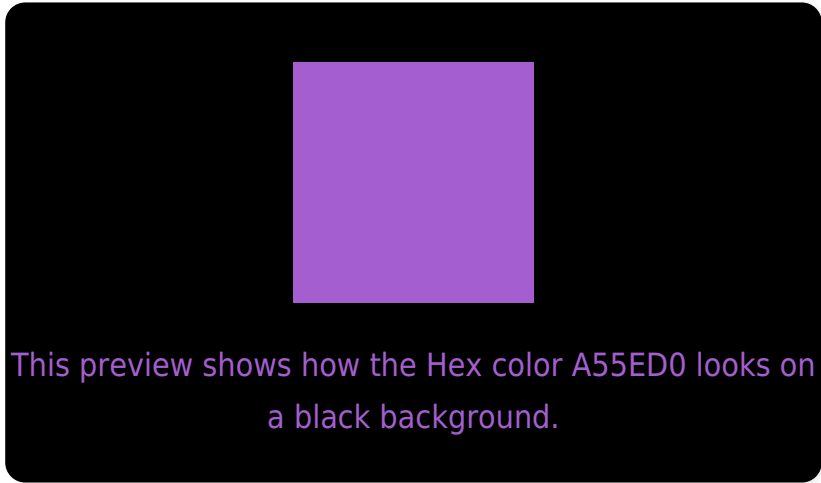
Large Text (above 18pt) WCAG AA ✓ Pass

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

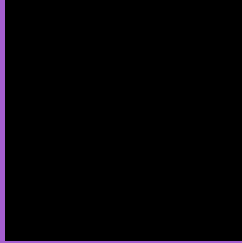
Any Text WCAG AA ✓ Pass

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 A55ED0 Background



This preview shows how black text looks on a background with the Hex color A55ED0.

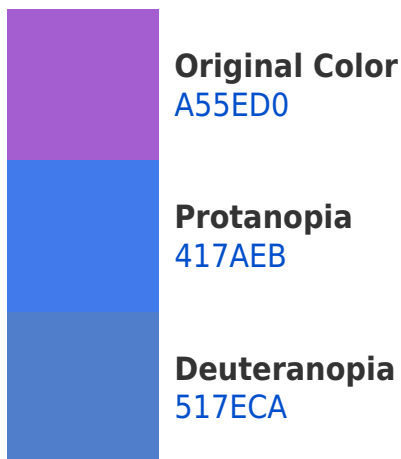


This preview shows how white text looks on a background with the Hex color A55ED0.

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](#).

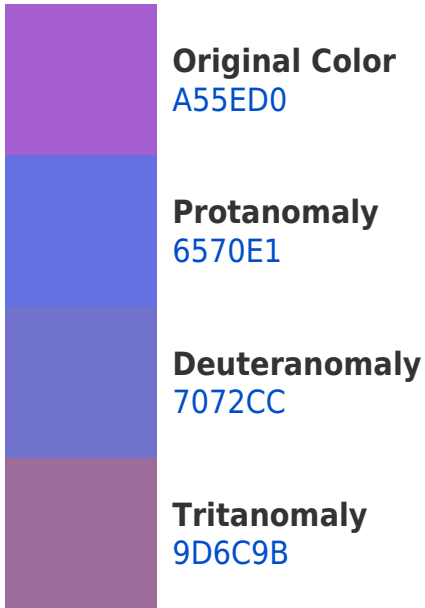
Dichromacy



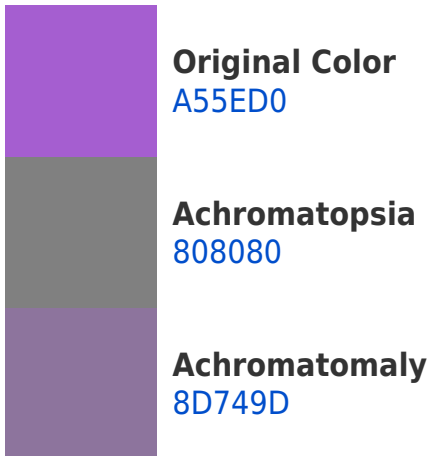


Tritanopia
98747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A55ED0 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 #A55ED0 looks like.

```
.text, #text, p{  
    color:#A55ED0  
}
```

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 #A55ED0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A55ED0
}
```

Border

The CSS property to change the border of an element to Hex A55ED0 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
#A55ED0 }
```

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

```
.border{ border-color:#A55ED0 }
```

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

Here you see how a box with a 4 pixel #A55ED0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A55ED0; -webkit-box-shadow:4px 4px  
4px 4px #A55ED0; box-shadow:4px 4px 4px  
4px #A55ED0 }
```

Background

The CSS property to change the background color of an element to Hex A55ED0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A55ED0 }
```

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

```
.background{ background-color:#A55ED0 }
```

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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