

Converting Colors

Hex(A563F0)

Have a look what the booklet for
Hex(A563F0) contains.

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Color

Hex(A563F0)

Conversions

Conversions Part 1

Format	Color
Hex	A563F0
RGB	165, 99, 240
RGB Percent	65%, 39%, 94%
CMY	0.3529, 0.6118, 0.0588
CMYK	0.31, 0.59, 0.00, 0.06
HSL	268°, 82%, 66%
HSV	268°, 59%, 94%
XYZ	35.7071, 23.2143, 85.0369
YIQ	134.8080, -5.9250, 57.8430

Conversions

Conversions Part 2

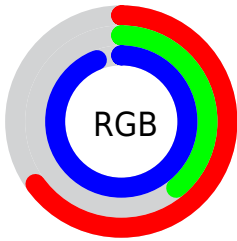
Format	Color
R _Y B	165, 99, 240
Decimal	10839024
CIE _{Lab}	55.29, 53.48, -61.26
CIE _{LCh}	55, 81.326, 311.122
Y _{xy}	23.2143, 0.2480, 0.1613
Android (android.graphics.Color)	4289029104 (0xFFA563F0)
YUV	134.8080, 51.8597, 26.4784
Hunter-Lab	48.1812, 47.9692, -70.9164

Details

The Hex color **A563F0** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **AEF063**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **E098FF**, and **6C2FB7** is the 20% darker color. If you saturate the color by 10%, you get **984BF0**, and if you desaturate by 10%, it is **B27BF0**.

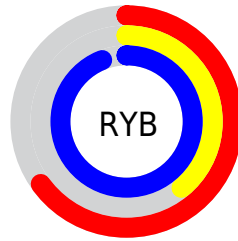
Distribution



Red (65%)

Green (39%)

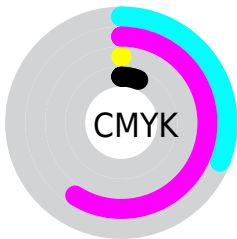
Blue (94%)



Red (65%)

Yellow (39%)

Blue (94%)

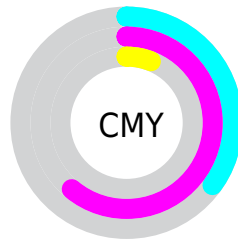


Cyan (31%)

Magenta (59%)

Yellow (0%)

Black (6%)



Cyan (35%)

Magenta (61%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color A563F0 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 A563F0 by changing the saturation by 10% instead.

 A563F0

 A563F0

FFFFFF

 8849D3

 E098FF

 6C2FB7

 FDB4FF

 4F139C

 FFD0FF

 310081

 FFEDFF

 090067

 00004E

 000536

 000220

 000003

 A563F0

 A563F0

 984BF0

 B27BF0

 8B33F0

 BF93F0

 7F1BF0

 CBABF0

 7203F0

 D8C3F0

 7000F0

 E5DBF0

 F2F3F0

 FEFFF0

 FFFFF0

Harmonies

Analogous

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



0085FF



A563F0



E936B4

Triad

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



A563F0



C47000



00A29E

Complementary

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



A563F0



AEF063

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.



00A053



A563F0



898A00

Square

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



A563F0



EE4A29



309900



00A1E0

Rectangle

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



A563F0



FB1E85



309900



00A285

Sweetspot

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



A563F0



E7D1FF



63AEF0



716380



000000



808080

Same Dimension

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



A563F0



9F4AFF



EB63F0



716C78



5600B8



1A0038

Inverse Universe

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



F063AE



FF4AAA



68F063



786C72



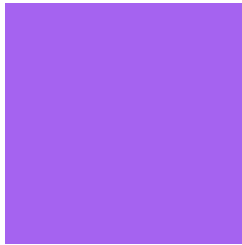
B80062



38001E

Previews

White Background



This preview shows how the Hex color A563F0 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

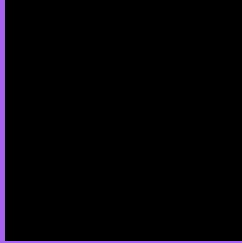
Any Text WCAG AA ✓ Pass

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 A563F0 Background



This preview shows how black text looks on a background with the Hex color A563F0.

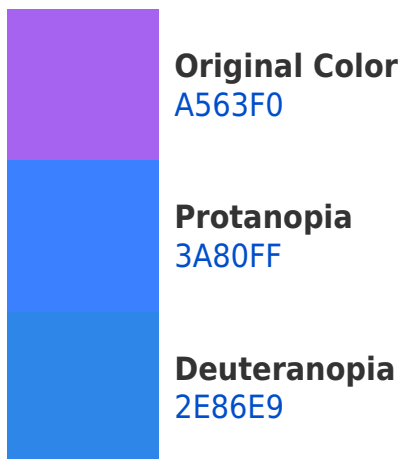


This preview shows how white text looks on a background with the Hex color A563F0.

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](#).

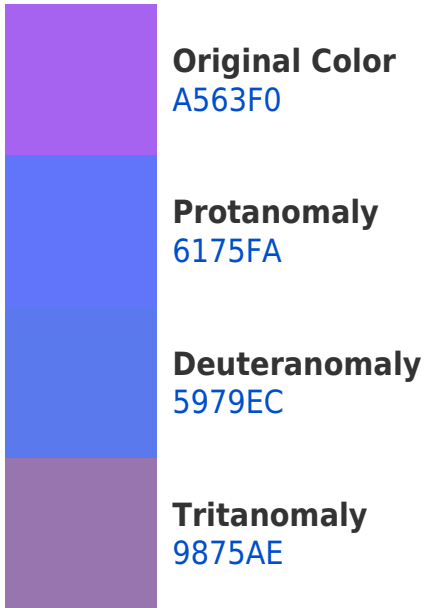
Dichromacy



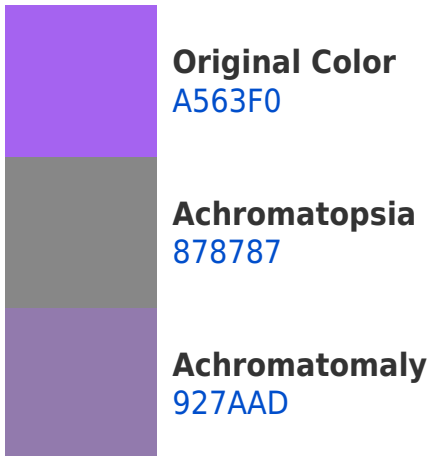


Tritanopia
917F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A563F0 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 #A563F0 looks like.

```
.text, #text, p{  
    color:#A563F0  
}
```

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 #A563F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A563F0
}
```

Border

The CSS property to change the border of an element to Hex A563F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

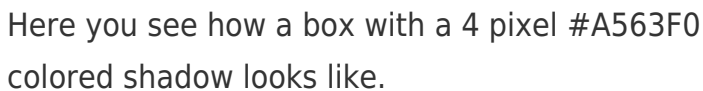
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A563F0 }
```

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

```
.border{ border-color:#A563F0 }
```

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



Here you see how a box with a 4 pixel #A563F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A563F0; -webkit-box-shadow:4px 4px  
4px 4px #A563F0; box-shadow:4px 4px 4px  
4px #A563F0 }
```

Background

The CSS property to change the background color of an element to Hex A563F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A563F0 }
```

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

```
.background{ background-color:#A563F0 }
```

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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