

Converting Colors

Hex(856AF5)

Have a look what the booklet for
Hex(856AF5) contains.

Hex(856AF5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(856AF5)

Conversions

Conversions Part 1

Format	Color
Hex	856AF5
RGB	133, 106, 245
RGB Percent	52%, 42%, 96%
CMY	0.4784, 0.5843, 0.0392
CMYK	0.46, 0.57, 0.00, 0.04
HSL	252°, 87%, 69%
HSV	252°, 57%, 96%
XYZ	31.3083, 21.8872, 88.9607
YIQ	129.9190, -28.5270, 48.9530

Conversions

Conversions Part 2

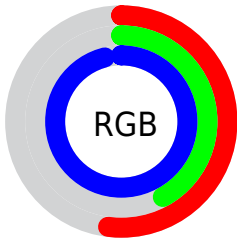
Format	Color
RYB	133, 106, 245
Decimal	8743669
CIELab	53.91, 43.99, -66.44
CIElCh	54, 79.684, 303.506
Yxy	21.8872, 0.2202, 0.1540
Android (android.graphics.Color)	4286933749 (0xFF856AF5)
YUV	129.9190, 56.7349, 2.7020
Hunter-Lab	46.7837, 37.5831, -79.9931

Details

The Hex color **856AF5** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **DAF56A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **C09EFF**, and **4839BC** is the 20% darker color. If you saturate the color by 10%, you get **7152F5**, and if you desaturate by 10%, it is **9983F5**.

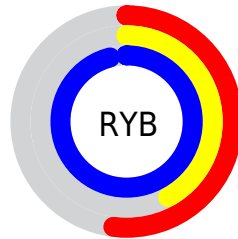
Distribution



Red (52%)

Green (42%)

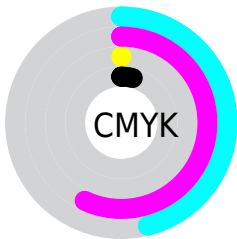
Blue (96%)



Red (52%)

Yellow (42%)

Blue (96%)

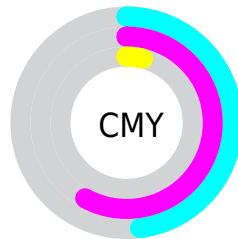


Cyan (46%)

Magenta (57%)

Yellow (0%)

Black (4%)



Cyan (48%)

Magenta (58%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 856AF5 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 856AF5 by changing the saturation by 10% instead.

 856AF5

 856AF5

FFFFFF

 6751D8

 C09EFF

 4839BC

 DEB9FF

 2422A0

 FCD5FF

 000B85

 FFF2FF

 00006B

 000052


 00053A

 000223

 00000A

 856AF5

 856AF5

 7152F5

 9983F5

 5E39F5

 AC9BF5

 4A20F5

 C0B3F5

 3608F5

 D4CCF5

 3000F5

 E8E5F5

 FBFDF5

 FFFFF5

Harmonies

Analogous

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



0088FF



856AF5



D740C0

Triad

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



856AF5



CB6500



009E87

Complementary

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



856AF5



DAF56A

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.



009A3E



856AF5



958100

Square

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



856AF5



EE3D39



4C9200



009ECC

Rectangle

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



856AF5



F02393



4C9200



009D6F

Sweetspot

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



856AF5



DCD4FF



6ADCF5



6B6680



000000



808080

Same Dimension

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



856AF5



7352FF



C96AF5



716E7A



2400BA



0B003B

Inverse Universe

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



F56ADA



FF52DD



96F56A



7A6E78



BA0096



3B002F

Previews

White Background



This preview shows how the Hex color 856AF5 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

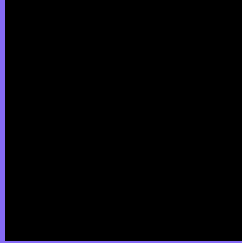
Any Text WCAG AA ✓ Pass

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 856AF5 Background



This preview shows how black text looks on a background with the Hex color 856AF5.

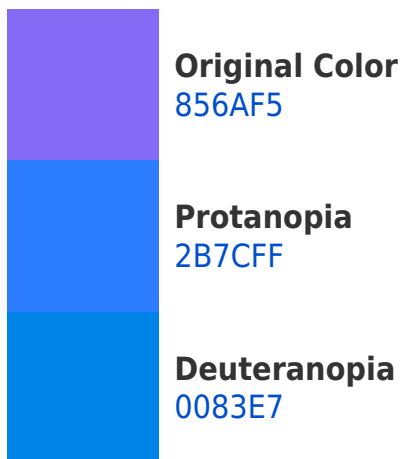



This preview shows how white text looks on a background with the Hex color 856AF5.

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
6A8590

Trichromacy



Original Color
856AF5



Protanomaly
4C75FB



Deuteranomaly
307AEC



Tritanomaly
747BB5

Monochromacy



Original Color
856AF5



Achromatopsia
828282



Achromatomaly
8379AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 856AF5 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 #856AF5 looks like.

```
.text, #text, p{  
    color:#856AF5  
}
```

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 #856AF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #856AF5  
}
```

Border

The CSS property to change the border of an element to Hex 856AF5 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  
#856AF5 }
```

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

```
.border{ border-color:#856AF5 }
```

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

Here you see how a box with a 4 pixel #856AF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #856AF5; -webkit-box-shadow:4px 4px  
4px 4px #856AF5; box-shadow:4px 4px 4px  
4px #856AF5 }
```

Background

The CSS property to change the background color of an element to Hex 856AF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#856AF5 }
```

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

```
.background{ background-color:#856AF5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor