

Converting Colors

Hex(82A0F5)

Have a look what the booklet for
Hex(82A0F5) contains.

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Color

Hex(82A0F5)

Conversions

Conversions Part 1

Format	Color
Hex	82A0F5
RGB	130, 160, 245
RGB Percent	51%, 63%, 96%
CMY	0.4902, 0.3725, 0.0392
CMYK	0.47, 0.35, 0.00, 0.04
HSL	224°, 85%, 74%
HSV	224°, 47%, 96%
XYZ	38.2582, 36.4800, 91.4111
YIQ	160.7200, -45.1650, 20.0750

Conversions

Conversions Part 2

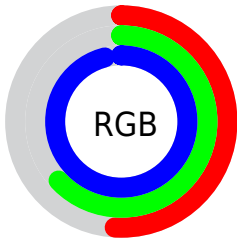
Format	Color
RYB	130, 154, 245
Decimal	8560885
CIELab	66.89, 11.91, -45.77
CIELCh	67, 47.292, 284.588
Yxy	36.4800, 0.2303, 0.2196
Android (android.graphics.Color)	4286750965 (0xFF82A0F5)
YUV	160.7200, 41.5500, -26.9414
Hunter-Lab	60.3987, 7.3690, -47.4541

Details

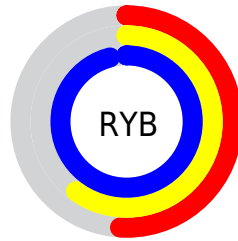
The Hex color **82A0F5** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F5D782**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BCD6FF**, and **486DBC** is the 20% darker color. If you saturate the color by 10%, you get **6A8EF5**, and if you desaturate by 10%, it is **9BB2F5**.

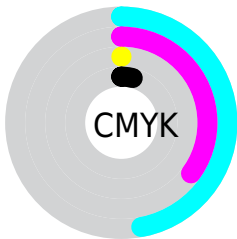
Distribution



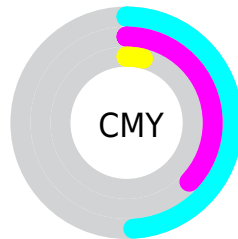
- Red (51%)
- Green (63%)
- Blue (96%)



- Red (51%)
- Yellow (60%)
- Blue (96%)



- Cyan (47%)
- Magenta (35%)
- Yellow (0%)
- Black (4%)



- Cyan (49%)
- Magenta (37%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82A0F5 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 82A0F5 by changing the saturation by 10% instead.

 82A0F5

 82A0F5

FFFFFF

 6586D8

 BCD6FF

 486DBC

 D9F3FF

 2755A1

 F7FFFF

 003E86

 00296D

 001654

 00063C

 000225


 00010E

 82A0F5

 82A0F5

 6A8EF5

 9BB2F5

 517CF5

 B3C4F5

 386AF5

 CBD6F5

 2058F5

 E4E8F5

 0745F5

 FCFBF5

 0040F5

 FFFFF5

Harmonies

Analogous

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



00ADF4



82A0F5



C190E0

Triad

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



82A0F5



EA8969



35B78B

Complementary

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



82A0F5



F5D782

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.



78B164



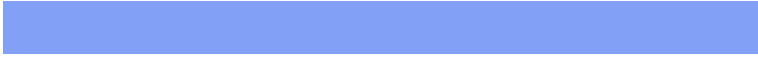
82A0F5



CF9950

Square

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



82A0F5



F3808F



A8A74D



00B9B7

Rectangle

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



82A0F5



DD86C8



A8A74D



50B67D

Sweetspot

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



82A0F5



DBE5FF



82F5D6



6A6F80



000000



808080

Same Dimension

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



82A0F5



7095FF



9D82F5



6E717A



0031BA



000F3B

Inverse Universe

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



F582A0



FF7095



DAF582



7A6E71



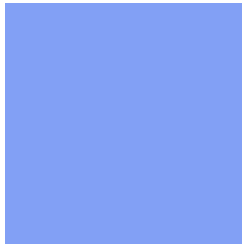
BA0031



3B000F

Previews

White Background



This preview shows how the Hex color 82A0F5 looks on a white background.

Color Contrast Check

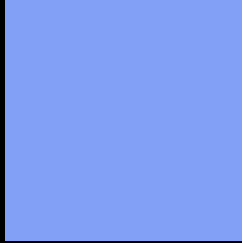
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 82A0F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

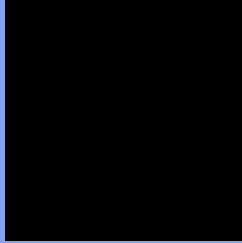
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 82A0F5 Background



This preview shows how black text looks on a background with the Hex color 82A0F5.



This preview shows how white text looks on a background with the Hex color 82A0F5.

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

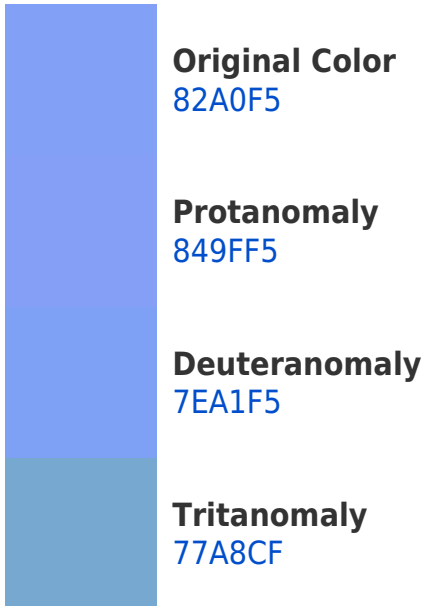


Original Color
82A0F5

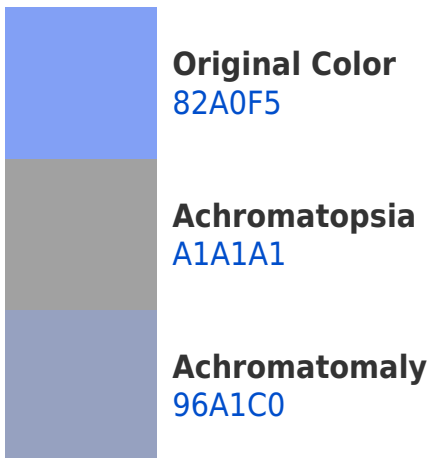
Protanopia
859FF5

Deuteranopia
7CA2F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82A0F5 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 #82A0F5 looks like.

```
.text, #text, p{  
    color:#82A0F5  
}
```

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 #82A0F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A0F5
}
```

Border

The CSS property to change the border of an element to Hex 82A0F5 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
#82A0F5 }
```

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

```
.border{ border-color:#82A0F5 }
```

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

Here you see how a box with a 4 pixel #82A0F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A0F5; -webkit-box-shadow:4px 4px  
4px 4px #82A0F5; box-shadow:4px 4px 4px  
4px #82A0F5 }
```

Background

The CSS property to change the background color of an element to Hex 82A0F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A0F5 }
```

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

```
.background{ background-color:#82A0F5 }
```

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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