

Converting Colors

Hex(A658F7)

Have a look what the booklet for
Hex(A658F7) contains.

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Color

Hex(A658F7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A658F7 |
| RGB | 166, 88, 247 |
| RGB Percent | 65%, 35%, 97% |
| CMY | 0.3490, 0.6549, 0.0314 |
| CMYK | 0.33, 0.64, 0.00, 0.03 |
| HSL | 269°, 91%, 66% |
| HSV | 269°, 64%, 97% |
| XYZ | 36.0041, 21.8018, 90.3062 |
| YIQ | 129.4480, -4.5510, 65.9850 |

Conversions

Conversions Part 2

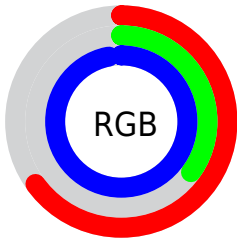
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 166, 88, 247 |
| Decimal | 10901751 |
| CIE _{Lab} | 53.82, 60.85, -67.54 |
| CIE _{LCh} | 54, 90.904, 312.016 |
| Yxy | 21.8018, 0.2431, 0.1472 |
| Android (android.graphics.Color) | 4289091831 (0xFFA658F7) |
| YUV | 129.4480, 57.9531, 32.0561 |
| Hunter-Lab | 46.6924, 55.9279, -81.9860 |

Details

The Hex color **A658F7** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **A9F758**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **E18EFF**, and **6C20BE** is the 20% darker color. If you saturate the color by 10%, you get **993FF7**, and if you desaturate by 10%, it is **B371F7**.

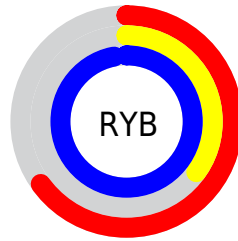
Distribution



Red (65%)

Green (35%)

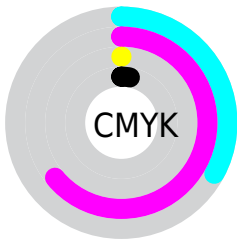
Blue (97%)



Red (65%)

Yellow (35%)

Blue (97%)

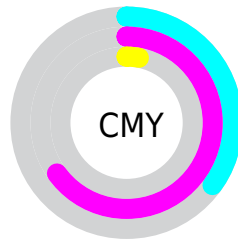


Cyan (33%)

Magenta (64%)

Yellow (0%)

Black (3%)



Cyan (35%)

Magenta (65%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color A658F7 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 A658F7 by changing the saturation by 10% instead.

 A658F7

 A658F7

FFFFFF

 893DDA

 E18EFF

 6C20BE

 FFAAFF

 4E00A2

 FFC6FF

 2E0087

 FFE3FF

 00006D

 000053

 00063B

 000224

 00000C

 A658F7

 A658F7

 993FF7

 B371F7

 8D27F7

 BF89F7

 800EF7

 CCA2F7

 7900F7

 D8BBF7

 E5D4F7

 F1ECF7

 FEFFF7

 FFFFF7

Harmonies

Analogous

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



0081FF



A658F7



F000B3

Triad

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



A658F7



C26B00



00A19F

Complementary

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



A658F7



A9F758

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.



009E4C



A658F7



808700

Square

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



A658F7



F13914



009700



009FE9

Rectangle

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



A658F7



FF007F



009700



00A084

Sweetspot

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



A658F7



E6CFFF



58AAF7



716280



000000



808080

Same Dimension

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



A658F7



9B3BFF



F458F7



746E7A



5B00BA



1D003B

Inverse Universe

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



F758A9



FF3B9F



5BF758



7A6E74



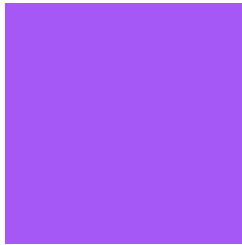
BA005F



3B001E

Previews

White Background



This preview shows how the Hex color A658F7 looks on a white background.

Color Contrast Check

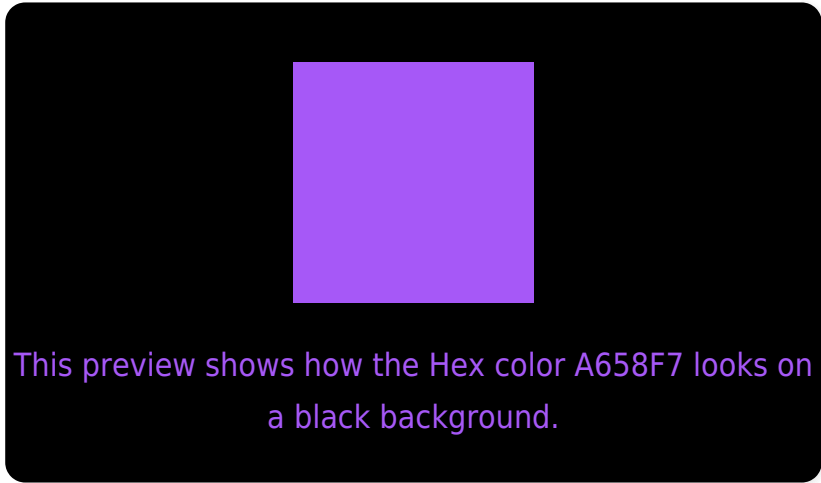
Large Text (above 18pt) WCAG AA ✓ Pass

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

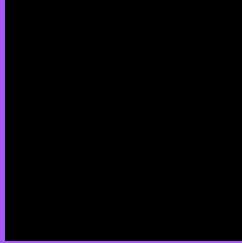
Any Text WCAG AA ✓ Pass

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 A658F7 Background



This preview shows how black text looks on a background with the Hex color A658F7.



This preview shows how white text looks on a background with the Hex color A658F7.

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](#).

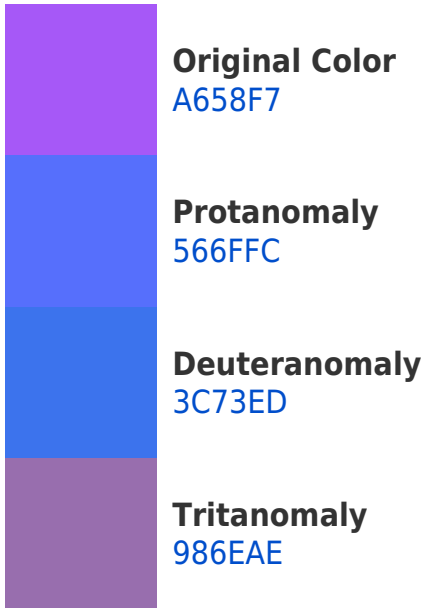
Dichromacy



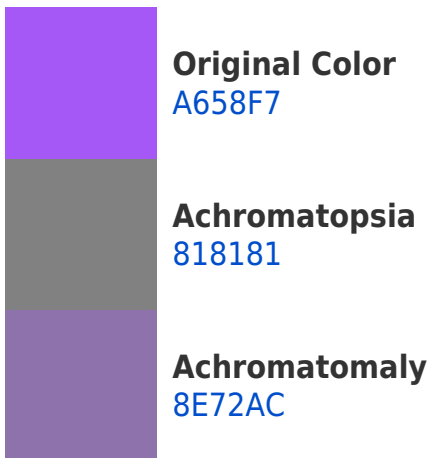


Tritanopia
907B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A658F7 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 #A658F7 looks like.

```
.text, #text, p{  
    color:#A658F7  
}
```

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 #A658F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A658F7
}
```

Border

The CSS property to change the border of an element to Hex A658F7 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
#A658F7 }
```

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

```
.border{ border-color:#A658F7 }
```

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

Here you see how a box with a 4 pixel #A658F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A658F7; -webkit-box-shadow:4px 4px  
4px 4px #A658F7; box-shadow:4px 4px 4px  
4px #A658F7 }
```

Background

The CSS property to change the background color of an element to Hex A658F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A658F7 }
```

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

```
.background{ background-color:#A658F7 }
```

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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