

Converting Colors

Hex(618FFA)

Have a look what the booklet for
Hex(618FFA) contains.

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Color

Hex(618FFA)

Conversions

Conversions Part 1

Format	Color
Hex	618FFA
RGB	97, 143, 250
RGB Percent	38%, 56%, 98%
CMY	0.6196, 0.4392, 0.0196
CMYK	0.61, 0.43, 0.00, 0.02
HSL	222°, 94%, 68%
HSV	222°, 61%, 98%
XYZ	32.0075, 29.0884, 94.3701
YIQ	141.4440, -61.7630, 23.5250

Conversions

Conversions Part 2

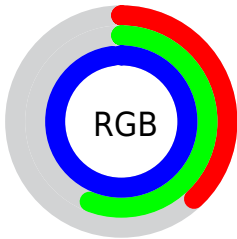
Format	Color
R _Y B	97, 132, 250
Decimal	6393850
CIE Lab	60.86, 16.57, -58.17
CIE LCh	61, 60.485, 285.901
Yxy	29.0884, 0.2059, 0.1871
Android (android.graphics.Color)	4284583930 (0xFF618FFA)
YUV	141.4440, 53.5181, -38.9774
Hunter-Lab	53.9337, 11.5488, -65.9887

Details

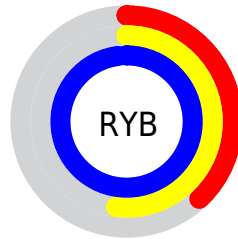
The Hex color **618FFA** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FACC61**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **9FC4FF**, and **065DC1** is the 20% darker color. If you saturate the color by 10%, you get **487EFA**, and if you desaturate by 10%, it is **7AA0FA**.

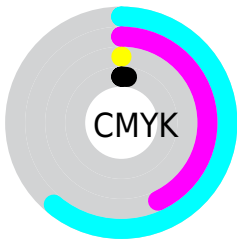
Distribution



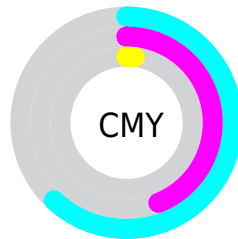
- Red (38%)
- Green (56%)
- Blue (98%)



- Red (38%)
- Yellow (52%)
- Blue (98%)



- Cyan (61%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)



- Cyan (62%)
- Magenta (44%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 618FFA 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 618FFA by changing the saturation by 10% instead.

 618FFA

 618FFA

FFFFFF

 3F76DD

 9FC4FF

 065DC1

 BDE0FF

 0046A5

 DBFDFF

 00318A

 FAFFFF

 001E70

 000257

 00063F

 000328

 000112

■ 618FFA

■ 618FFA

■ 487EFA

■ 7AA0FA

■ 2F6CFA

■ 93B2FA

■ 165BFA

■ ACC3FA

■ 004BFA

■ C5D5FA

■ DEE6FA

■ F7F8FA

■ FFFFFA

Harmonies

Analogous

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



00A0FA



618FFA



BA78DE

Triad

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



618FFA



E67148



00AB77

Complementary

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



618FFA



FACC61

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.



55A544



618FFA



C38722

Square

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



618FFA



F46179



93991E



00ACAF

Rectangle

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



618FFA



DB69C0



93991E



00A965

Sweetspot

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



618FFA



D1DFFF



61FACA



636C80



000000



808080

Same Dimension

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



618FFA



457DFF



7D61FA



70747D



0039BD



00123D

Inverse Universe

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



FA618F



FF457D



DEFA61



7D7074



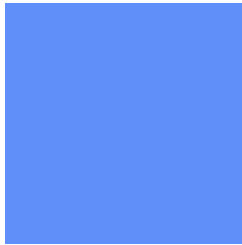
BD0039



3D0012

Previews

White Background



This preview shows how the Hex color 618FFA looks on a white background.

Color Contrast Check

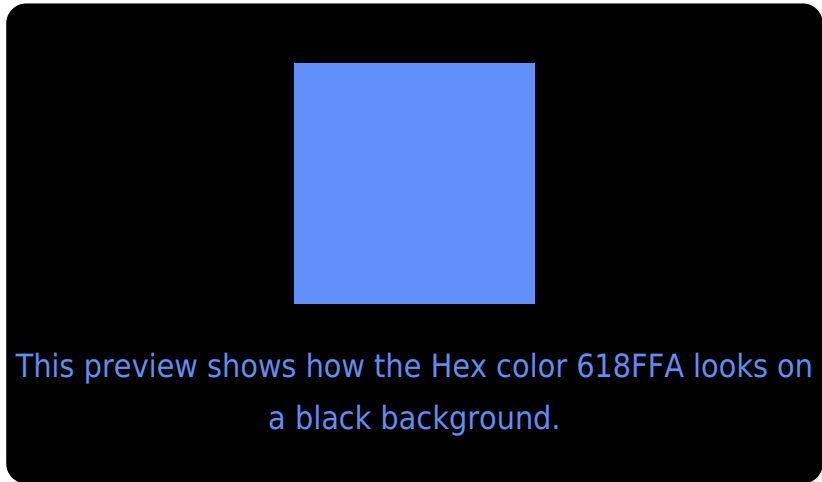
Large Text (above 18pt) WCAG AA ✓ Pass

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

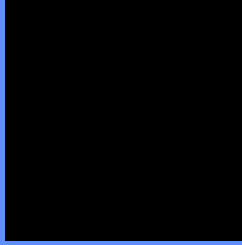
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

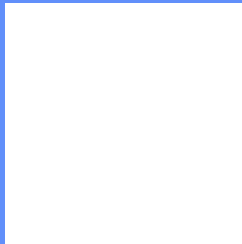
Any Text WCAG AAA × Fail

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

Hex 618FFA Background



This preview shows how black text looks on a background with the Hex color 618FFA.



This preview shows how white text looks on a background with the Hex color 618FFA.

Color Blindness Simulation

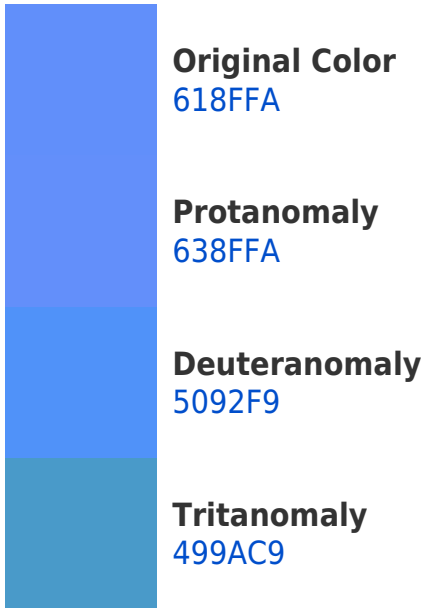
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

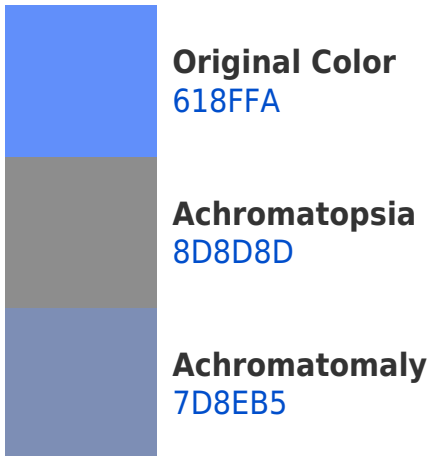




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 618FFA 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 #618FFA looks like.

```
.text, #text, p{  
    color:#618FFA  
}
```

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 #618FFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618FFA
}
```

Border

The CSS property to change the border of an element to Hex 618FFA 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
#618FFA }
```

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

```
.border{ border-color:#618FFA }
```

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

Here you see how a box with a 4 pixel #618FFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618FFA; -webkit-box-shadow:4px 4px  
4px 4px #618FFA; box-shadow:4px 4px 4px  
4px #618FFA }
```

Background

The CSS property to change the background color of an element to Hex 618FFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618FFA }
```

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

```
.background{ background-color:#618FFA }
```

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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