

Converting Colors

Hex(7607F8)

Have a look what the booklet for
Hex(7607F8) contains.

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Color

Hex(7607F8)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7607F8 |
| RGB | 118, 7, 248 |
| RGB Percent | 46%, 3%, 97% |
| CMY | 0.5373, 0.9725, 0.0275 |
| CMYK | 0.52, 0.97, 0.00, 0.03 |
| HSL | 268°, 95%, 50% |
| HSV | 268°, 97%, 97% |
| XYZ | 24.4905, 10.7808, 89.5971 |
| YIQ | 67.6630, -11.2050, 98.4830 |

Conversions

Conversions Part 2

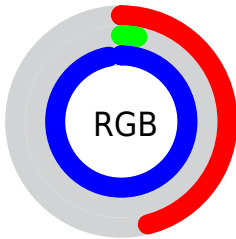
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 118, 7, 248 |
| Decimal | 7735288 |
| CIE Lab | 39.21, 80.20, -92.23 |
| CIE LCh | 39, 122.221, 311.009 |
| Yxy | 10.7808, 0.1961, 0.0863 |
| Android (android.graphics.Color) | 4285925368 (0xFF7607F8) |
| YUV | 67.6630, 88.9061, 44.1455 |
| Hunter-Lab | 32.8342, 75.6805, -138.8052 |

Details

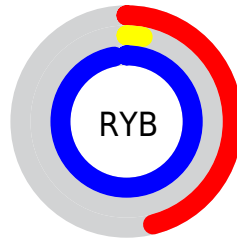
The Hex color **7607F8** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **89F807**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B653FF**, and **2900BE** is the 20% darker color. If you saturate the color by 10%, you get **7200F8**, and if you desaturate by 10%, it is **8320F8**.

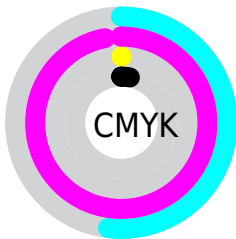
Distribution



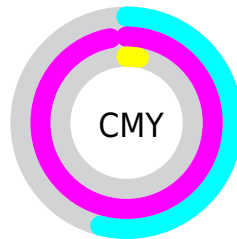
- Red (46%)
- Green (3%)
- Blue (97%)



- Red (46%)
- Yellow (3%)
- Blue (97%)



- Cyan (52%)
- Magenta (97%)
- Yellow (0%)
- Black (3%)



- Cyan (54%)
- Magenta (97%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7607F8 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 7607F8 by changing the saturation by 10% instead.

 7607F8

 7607F8

FFFFFF

 5300DB

 B653FF

 2900BE

 D670FF

 0000A2

 F58CFF

 000087

 FFA9FF

 00006C

 FFC6FF

 000B52

 FFE3FF

 00063A

 000224

 00000B

 7607F8

 7607F8

 7200F8

 8320F8

 9139F8

 9E51F8

 AC6AF8

 B983F8

 C69CF8

 D4B5F8

 E1CDF8

 EEE6F8

Harmonies

Analogous

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



0064FF



7607F8



E100A0

Triad

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



7607F8



A23B00



007B81

Complementary

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



7607F8



89F807

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.



00790B



7607F8



4F6500

Square

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



7607F8



DD0000



007400



007EE1

Rectangle

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



7607F8



F7005F



007400



007A5E

Sweetspot

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



7607F8



D7B5FF



078CF8



675380



000000



808080

Same Dimension

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



7607F8



7500FF



EC07F8



76707D



5700BD



1C003D

Inverse Universe

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



F80789



FF008A



13F807



7D7077



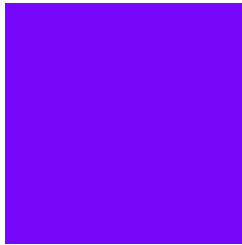
BD0066



3D0021

Previews

White Background



This preview shows how the Hex color 7607F8 looks on a white background.

Color Contrast Check

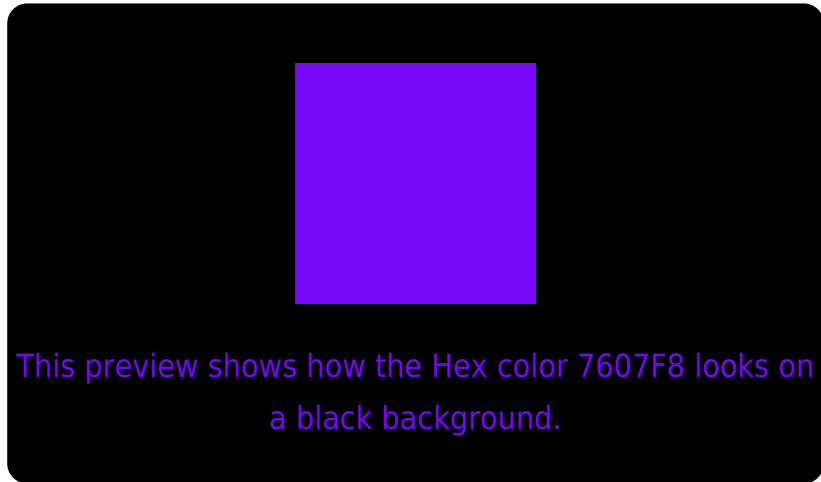
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

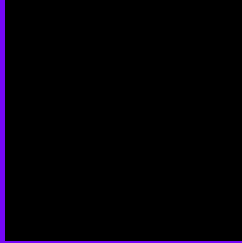
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7607F8 Background



This preview shows how black text looks on a background with the Hex color 7607F8.

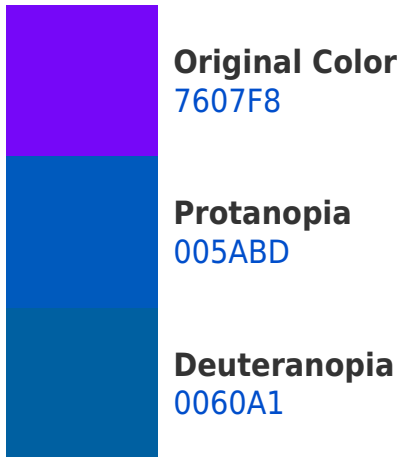



This preview shows how white text looks on a background with the Hex color 7607F8.

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
4A6168

Trichromacy



Original Color
7607F8



Protanomaly
2B3CD2



Deuteranomaly
2B40C1



Tritanomaly
5A409C

Monochromacy



Original Color
7607F8



Achromatopsia
444444



Achromatomaly
562E85

CSS Examples

Text

The CSS property to change the color of the text to Hex 7607F8 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 #7607F8 looks like.

```
.text, #text, p{  
    color:#7607F8  
}
```

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 #7607F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7607F8
}
```

Border

The CSS property to change the border of an element to Hex 7607F8 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".

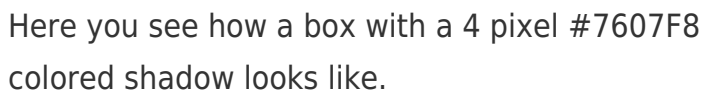
```
.border, #border, table{ border:4px solid
#7607F8 }
```

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

```
.border{ border-color:#7607F8 }
```

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

Here you see how a box with a 4 pixel #7607F8 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7607F8; -webkit-box-shadow:4px 4px  
4px 4px #7607F8; box-shadow:4px 4px 4px  
4px #7607F8 }
```

Background

The CSS property to change the background color of an element to Hex 7607F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7607F8 }
```

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

```
.background{ background-color:#7607F8 }
```

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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