

Converting Colors

Hex(6738F2)

Have a look what the booklet for
Hex(6738F2) contains.

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Color

Hex(6738F2)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6738F2 |
| RGB | 103, 56, 242 |
| RGB Percent | 40%, 22%, 95% |
| CMY | 0.5961, 0.7804, 0.0510 |
| CMYK | 0.57, 0.77, 0.00, 0.05 |
| HSL | 255°, 88%, 58% |
| HSV | 255°, 77%, 95% |
| XYZ | 23.0347, 12.1227, 85.1303 |
| YIQ | 91.2570, -31.6940, 67.8100 |

Conversions

Conversions Part 2

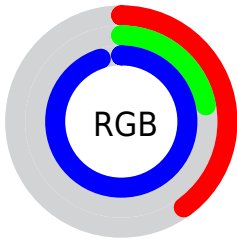
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 103, 56, 242 |
| Decimal | 6764786 |
| CIE Lab | 41.41, 64.28, -85.27 |
| CIE LCh | 41, 106.778, 307.010 |
| Yxy | 12.1227, 0.1915, 0.1008 |
| Android (android.graphics.Color) | 4284954866 (0xFF6738F2) |
| YUV | 91.2570, 74.3163, 10.2986 |
| Hunter-Lab | 34.8177, 57.1612, -120.5934 |

Details

The Hex color **6738F2** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **C3F238**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **A76DFF**, and **0A00B8** is the 20% darker color. If you saturate the color by 10%, you get **5520F2**, and if you desaturate by 10%, it is **7950F2**.

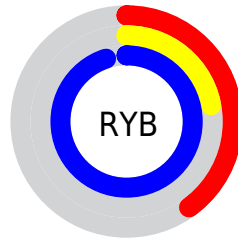
Distribution



Red (40%)

Green (22%)

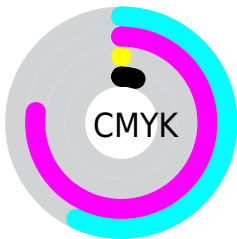
Blue (95%)



Red (40%)

Yellow (22%)

Blue (95%)

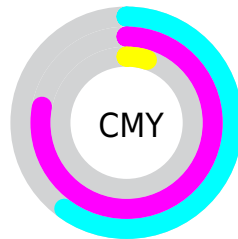


Cyan (57%)

Magenta (77%)

Yellow (0%)

Black (5%)



Cyan (60%)

Magenta (78%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6738F2 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 6738F2 by changing the saturation by 10% instead.

6738F2

6738F2

FFFFFF

431CD5

A76DFF

0A00B8

C688FF

00009C

E5A3FF

000081

FFBFFF

000067

FFDCFF

000A4E

FFF9FF

000536

000220

000004

■ 6738F2

■ 6738F2

■ 5520F2

■ 7950F2

■ 4308F2

■ 8B68F2

■ 3D00F2

■ 9D81F2

■ AF99F2

■ C1B1F2

■ D4C9F2

■ E6E1F2

■ F8FAF2

■ FFFFF2

Harmonies

Analogous

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



006BFF



6738F2



D200A8

Triad

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



6738F2



AB3F00



008075

Complementary

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



6738F2



C3F238

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.



007D0C



6738F2



656600

Square

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



6738F2



DC0000



007600



0081CC

Rectangle

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



6738F2



EB006F



007600



007F56

Sweetspot

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



6738F2



D3C4FF



38C3F2



655C80



000000



808080

Same Dimension

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



6738F2



5014FF



C338F2



6F6C78



2E00B8



0E0038

Inverse Universe

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



F238C3



FF14C4



66F238



786C75



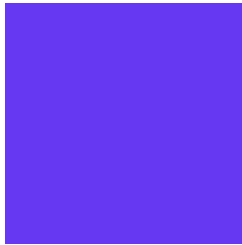
B80089



38002A

Previews

White Background



This preview shows how the Hex color 6738F2 looks on a white background.

Color Contrast Check

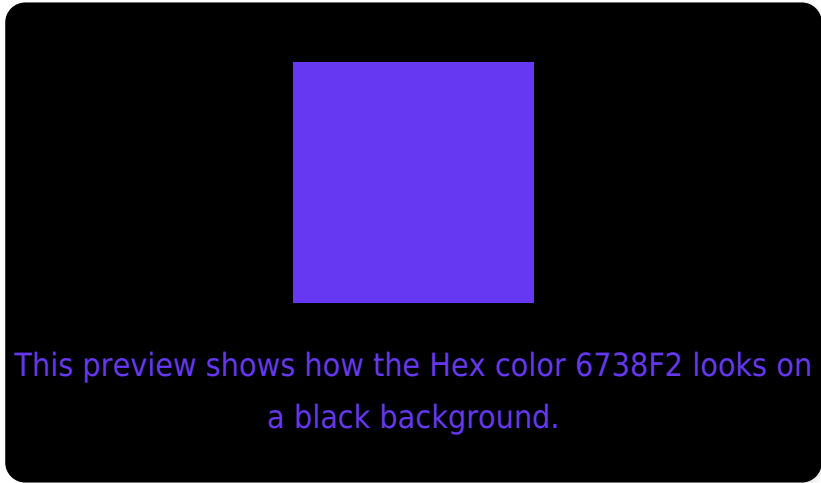
Large Text (above 18pt) WCAG AA ✓ Pass

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

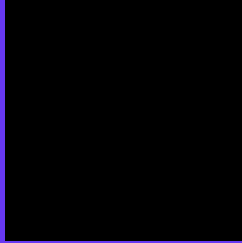
Any Text WCAG AA × Fail

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 6738F2 Background



This preview shows how black text looks on a background with the Hex color 6738F2.

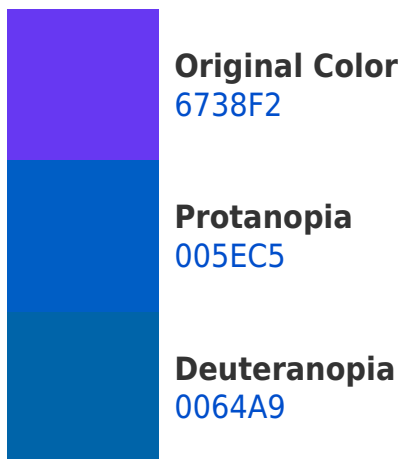



This preview shows how white text looks on a background with the Hex color 6738F2.

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](#).

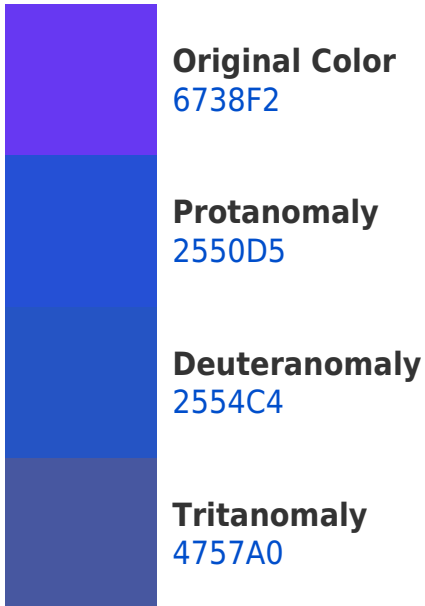
Dichromacy





Tritanopia
346971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6738F2 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 #6738F2 looks like.

```
.text, #text, p{  
    color:#6738F2  
}
```

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 #6738F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6738F2
}
```

Border

The CSS property to change the border of an element to Hex 6738F2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

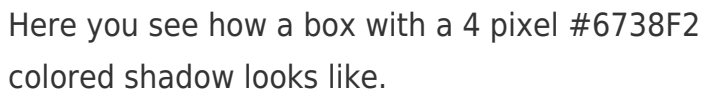
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6738F2 }
```

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

```
.border{ border-color:#6738F2 }
```

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



Here you see how a box with a 4 pixel #6738F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6738F2; -webkit-box-shadow:4px 4px  
4px 4px #6738F2; box-shadow:4px 4px 4px  
4px #6738F2 }
```

Background

The CSS property to change the background color of an element to Hex 6738F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6738F2 }
```

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

```
.background{ background-color:#6738F2 }
```

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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