

Converting Colors

Hex(638FA2)

Have a look what the booklet for
Hex(638FA2) contains.

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Color

Hex(638FA2)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 638FA2 |
| RGB | 99, 143, 162 |
| RGB Percent | 39%, 56%, 64% |
| CMY | 0.6118, 0.4392, 0.3647 |
| CMYK | 0.39, 0.12, 0.00, 0.36 |
| HSL | 198°, 25%, 51% |
| HSV | 198°, 39%, 64% |
| XYZ | 21.4896, 24.9062, 37.8572 |
| YIQ | 132.0100, -32.3230, -3.4190 |

Conversions

Conversions Part 2

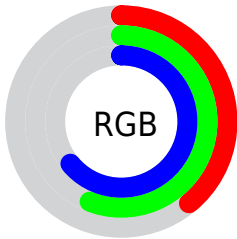
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 99, 125, 162 |
| Decimal | 6524834 |
| CIE _{Lab} | 56.98, -9.98, -14.80 |
| CIE _{LCh} | 57, 17.853, 235.999 |
| Yxy | 24.9062, 0.2551, 0.2956 |
| Android (android.graphics.Color) | 4284714914 (0xFF638FA2) |
| YUV | 132.0100, 14.7851, -28.9498 |
| Hunter-Lab | 49.9061, -10.4734, -10.0412 |

Details

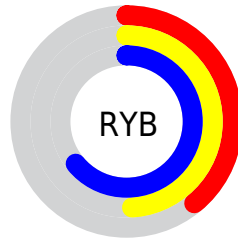
The Hex color `638FA2` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `A27663`, and the grayscale version is `848484`.

A 20% lighter version of the original color is `98C5D9`, and `305D6E` is the 20% darker color. If you saturate the color by 10%, you get `538AA2`, and if you desaturate by 10%, it is `7394A2`.

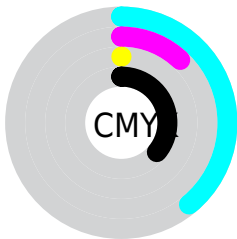
Distribution



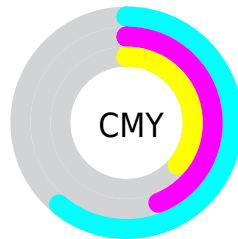
- Red (39%)
- Green (56%)
- Blue (64%)



- Red (39%)
- Yellow (49%)
- Blue (64%)



- Cyan (39%)
- Magenta (12%)
- Yellow (0%)
- Black (36%)



- Cyan (61%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638FA2 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 638FA2 by changing the saturation by 10% instead.

■ 638FA2

■ 638FA2

FFFFFF

■ 497588

■ 98C5D9

■ 305D6E

■ B4E1F5

■ 144556

■ D0FDFF

■ 002F3F

■ EDFFFF

■ 001B29

■ 000114

■ 000000

■ 638FA2

■ 638FA2

■ 538AA2

■ 7394A2

■ 4385A2

■ 8399A2

■ 3280A2

■ 949EA2

■ 227BA2

■ A4A3A2

■ 1277A2

■ B4A7A2

■ 0272A2

■ C4ACA2

■ 0071A2

■ D4B1A2

■ E5B6A2

■ F5BBA2

Harmonies

Analogous

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



5E9196



638FA2



748BA7

Triad

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



638FA2



A67E8B



868C6D

Complementary

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



638FA2



A27663

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.



97876A



638FA2



A97E7C

Square

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



638FA2



9B819A



A38270



749077

Rectangle

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



638FA2



8287A6



A38270



8C8A6B

Sweetspot

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



638FA2



BACCD4



63A276



5C676B



EBEBEB



6B6B6B

Same Dimension

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



638FA2



70B6D4



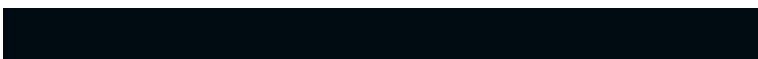
6370A2



494F52



006691



000C12

Inverse Universe

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



A2638F



D470B6



A29563



52494F



910066



12000C

Previews

White Background



This preview shows how the Hex color 638FA2 looks on a white background.

Color Contrast Check

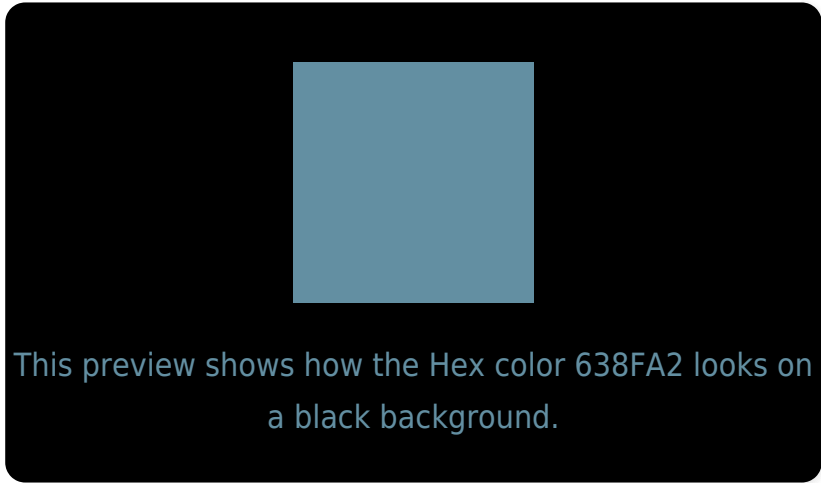
Large Text (above 18pt) WCAG AA ✓ Pass

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

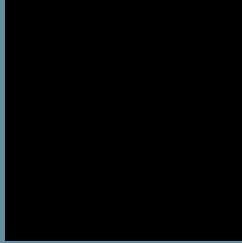
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

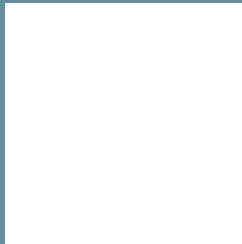
Any Text WCAG AAA × Fail

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

Hex 638FA2 Background



This preview shows how black text looks on a background with the Hex color 638FA2.

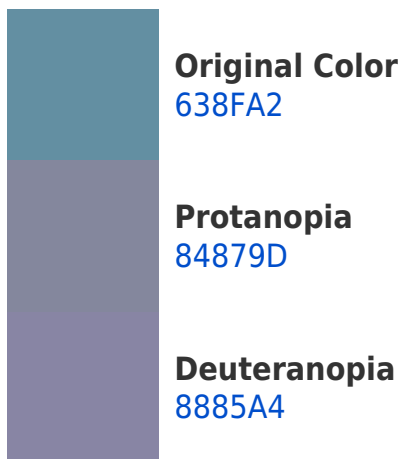


This preview shows how white text looks on a background with the Hex color 638FA2.

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](#).

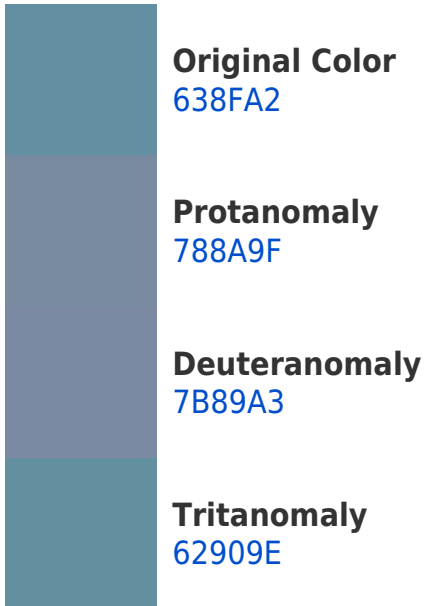
Dichromacy





Tritanopia
61909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 638FA2 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 #638FA2 looks like.

```
.text, #text, p{  
    color:#638FA2  
}
```

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 #638FA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638FA2
}
```

Border

The CSS property to change the border of an element to Hex 638FA2 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
#638FA2 }
```

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

```
.border{ border-color:#638FA2 }
```

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

Here you see how a box with a 4 pixel #638FA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638FA2; -webkit-box-shadow:4px 4px  
4px 4px #638FA2; box-shadow:4px 4px 4px  
4px #638FA2 }
```

Background

The CSS property to change the background color of an element to Hex 638FA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638FA2 }
```

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

```
.background{ background-color:#638FA2 }
```

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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