

Converting Colors

Hex(637AD8)

Have a look what the booklet for
Hex(637AD8) contains.

Hex(637AD8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(637AD8)

Conversions

Conversions Part 1

Format	Color
Hex	637AD8
RGB	99, 122, 216
RGB Percent	39%, 48%, 85%
CMY	0.6118, 0.5216, 0.1529
CMYK	0.54, 0.44, 0.00, 0.15
HSL	228°, 60%, 62%
HSV	228°, 54%, 85%
XYZ	24.4998, 21.5296, 67.8301
YIQ	125.8390, -43.8820, 24.3580

Conversions

Conversions Part 2

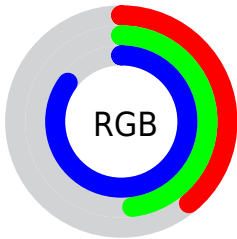
Format	Color
R_{YB}	99, 118, 216
Decimal	6519512
CIE _{Lab}	53.52, 18.53, -50.94
CIE _{LCh}	54, 54.209, 289.993
Yxy	21.5296, 0.2152, 0.1891
Android (android.graphics.Color)	4284709592 (0xFF637AD8)
YUV	125.8390, 44.4494, -23.5378
Hunter-Lab	46.4000, 13.0503, -54.1935

Details

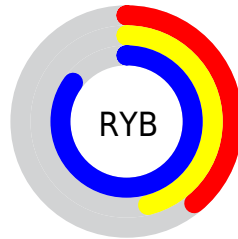
The Hex color **637AD8** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D8C163**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **9DAEFF**, and **224AA0** is the 20% darker color. If you saturate the color by 10%, you get **4D69D8**, and if you desaturate by 10%, it is **798BD8**.

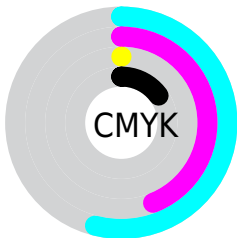
Distribution



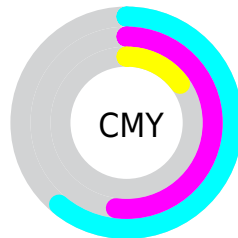
- Red (39%)
- Green (48%)
- Blue (85%)



- Red (39%)
- Yellow (46%)
- Blue (85%)



- Cyan (54%)
- Magenta (44%)
- Yellow (0%)
- Black (15%)



- Cyan (61%)
- Magenta (52%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637AD8 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 637AD8 by changing the saturation by 10% instead.

■ 637AD8

■ 637AD8

FFFFFF

■ 4561BC

■ 9DAEFF

■ 224AA0

■ BAC9FF

■ 003486

■ D7E5FF

■ 001F6C

■ F5FFFF

■ 000953

■ 00063B

■ 000225

■ 00010D

■ 000000

■ 637AD8

■ 637AD8

■ 4D69D8

■ 798BD8

■ 3857D8

■ 8E9DD8

■ 2246D8

■ A4AED8

■ 0D35D8

■ B9BFD8

■ 002AD8

■ CFD1D8

■ E5E2D8

■ FAF3D8

■ FFFFD8

Harmonies

Analogous

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



008ADC



637AD8



A966BC

Triad

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



637AD8



C56539



00956E

Complementary

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



637AD8



D8C163

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.



409040



637AD8



A5781B

Square

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



637AD8



D45663



7A871D



00969E

Rectangle

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



637AD8



C45AA1



7A871D



00945E

Sweetspot

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



637AD8



D6DEFF



63D8C1



676C80



000000



808080

Same Dimension

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



637AD8



597AFF



8663D8



60626B



0022AB



00092B

Inverse Universe

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



D8637A



FF597A



B5D863



6B6062



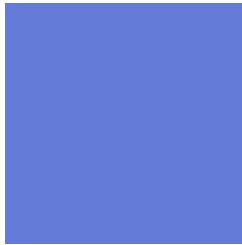
AB0022



2B0009

Previews

White Background



This preview shows how the Hex color 637AD8 looks on a white background.

Color Contrast Check

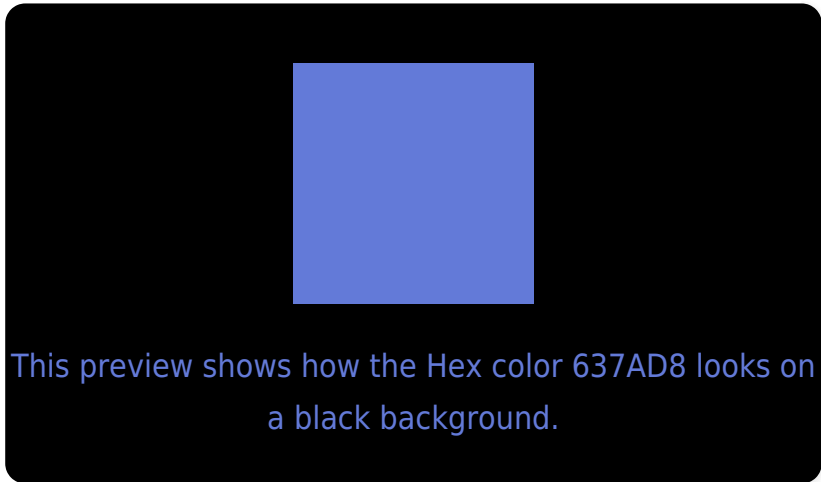
Large Text (above 18pt) WCAG AA ✓ Pass

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

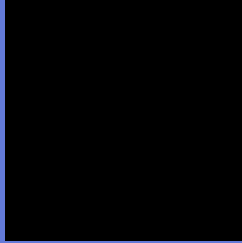
Any Text WCAG AA ✓ Pass

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 637AD8 Background



This preview shows how black text looks on a background with the Hex color 637AD8.

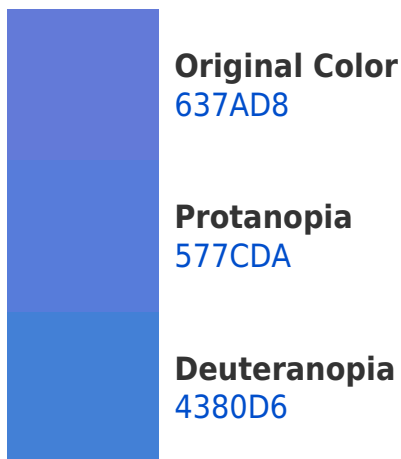


This preview shows how white text looks on a background with the Hex color 637AD8.

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](#).

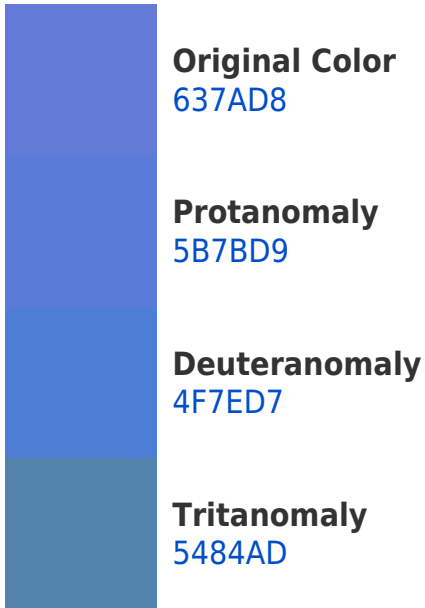
Dichromacy



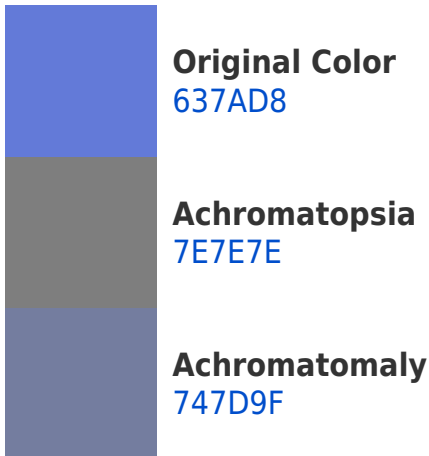


Tritanopia
4B8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 637AD8 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 #637AD8 looks like.

```
.text, #text, p{  
    color:#637AD8  
}
```

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 #637AD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637AD8
}
```

Border

The CSS property to change the border of an element to Hex 637AD8 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
#637AD8 }
```

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

```
.border{ border-color:#637AD8 }
```

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

Here you see how a box with a 4 pixel #637AD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637AD8; -webkit-box-shadow:4px 4px  
4px 4px #637AD8; box-shadow:4px 4px 4px  
4px #637AD8 }
```

Background

The CSS property to change the background color of an element to Hex 637AD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637AD8 }
```

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

```
.background{ background-color:#637AD8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor