

Converting Colors

Hex(637DCB)

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

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Color

Hex(637DCB)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 637DCB |
| RGB | 99, 125, 203 |
| RGB Percent | 39%, 49%, 80% |
| CMY | 0.6118, 0.5098, 0.2039 |
| CMYK | 0.51, 0.38, 0.00, 0.20 |
| HSL | 225°, 50%, 59% |
| HSV | 225°, 51%, 80% |
| XYZ | 23.2587, 21.6317, 59.4494 |
| YIQ | 126.1180, -40.5340, 18.7460 |

Conversions

Conversions Part 2

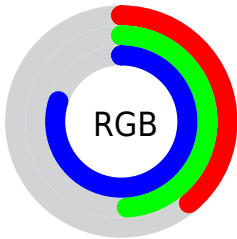
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 99, 120, 203 |
| Decimal | 6520267 |
| CIE _{Lab} | 53.63, 12.60, -43.41 |
| CIE _{LCh} | 54, 45.197, 286.181 |
| Yxy | 21.6317, 0.2229, 0.2073 |
| Android (android.graphics.Color) | 4284710347 (0xFF637DCB) |
| YUV | 126.1180, 37.9028, -23.7825 |
| Hunter-Lab | 46.5099, 7.8722, -43.2282 |

Details

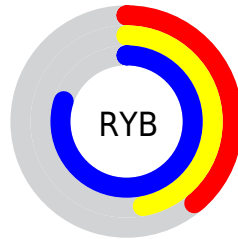
The Hex color **637DCB** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **CBB163**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **9BB1FF**, and **274D94** is the 20% darker color. If you saturate the color by 10%, you get **4F6ECB**, and if you desaturate by 10%, it is **778CCB**.

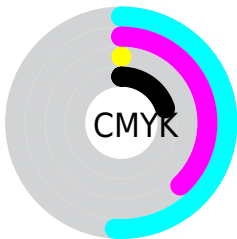
Distribution



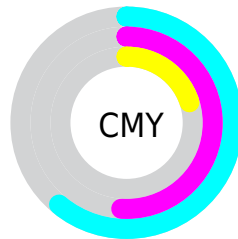
- Red (39%)
- Green (49%)
- Blue (80%)



- Red (39%)
- Yellow (47%)
- Blue (80%)



- Cyan (51%)
- Magenta (38%)
- Yellow (0%)
- Black (20%)



- Cyan (61%)
- Magenta (51%)
- Yellow (20%)

Brightness & Saturation Gradients

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

■ 637DCB

■ 637DCB

FFFFFF

■ 4664AF

■ 9BB1FF

■ 274D94

■ B8CDFF

■ 00367A

■ D5E9FF

■ 002261

■ F2FFFF

■ 000B49

■ 000431

■ 00011B

■ 000000

■ 637DCB

■ 637DCB

 4F6ECB

 778CCB

 3A5FCB

 8C9BCB

 264FCB

 A0ABCB

 1240CB

 B4BACB

 0033CB

 C9C9CB

 DDD8CB

 F1E8CB

 FFF7CB

 FFFF CB

Harmonies

Analogous

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



008ACB



637DCB



9E6DB6

Triad

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



637DCB



BF6949



00926C

Complementary

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



637DCB



CBB163

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.



558E48



637DCB



A57832

Square

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



637DCB



C95F6D



828531



009495

Rectangle

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



637DCB



B664A0



828531



2A915F

Sweetspot

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



637DCB



D9E2FF



63CBB1



696E80



000000



808080

Same Dimension

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



637DCB



638AFF



7D63CB



5C5E66



0029A6



000A26

Inverse Universe

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



CB637D



FF638A



B1CB63



665C5E



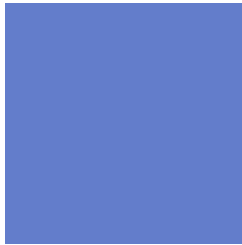
A60029



26000A

Previews

White Background



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

Color Contrast Check

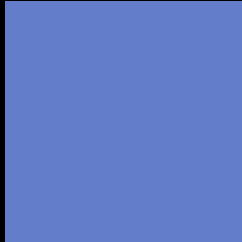
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 637DCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

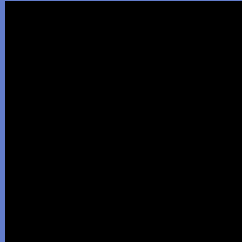
Any Text WCAG AA ✓ Pass

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 637DCB Background



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



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

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



Original Color
637DCB

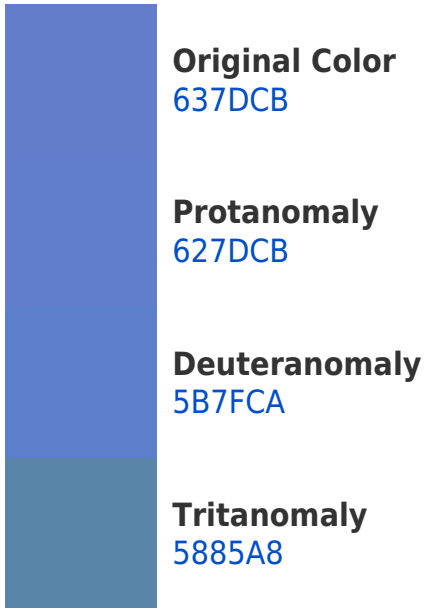
Protanopia
627DCB

Deuteranopia
5680CA

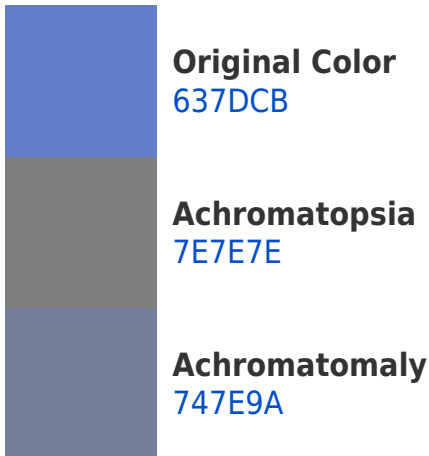


Tritanopia
518994

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #637DCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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