

Converting Colors

Hex(635AC6)

Have a look what the booklet for
Hex(635AC6) contains.

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Color

Hex(635AC6)

Conversions

Conversions Part 1

Format	Color
Hex	635AC6
RGB	99, 90, 198
RGB Percent	39%, 35%, 78%
CMY	0.6118, 0.6471, 0.2235
CMYK	0.50, 0.55, 0.00, 0.22
HSL	245°, 49%, 56%
HSV	245°, 55%, 78%
XYZ	18.9948, 14.0422, 55.1354
YIQ	105.0030, -29.3040, 35.4960

Conversions

Conversions Part 2

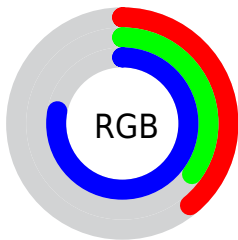
Format	Color
R _Y B	99, 90, 198
Decimal	6511302
CIE Lab	44.29, 32.44, -55.46
CIE LCh	44, 64.249, 300.327
Yxy	14.0422, 0.2154, 0.1593
Android (android.graphics.Color)	4284701382 (0xFF635AC6)
YUV	105.0030, 45.8475, -5.2646
Hunter-Lab	37.4729, 24.9030, -61.0046

Details

The Hex color **635AC6** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **BDC65A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9C8CFF**, and **262C8F** is the 20% darker color. If you saturate the color by 10%, you get **5146C6**, and if you desaturate by 10%, it is **756EC6**.

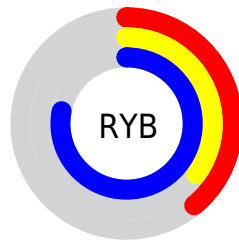
Distribution



Red (39%)

Green (35%)

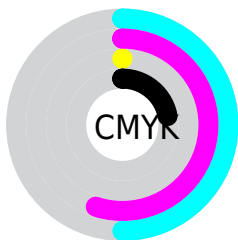
Blue (78%)



Red (39%)

Yellow (35%)

Blue (78%)

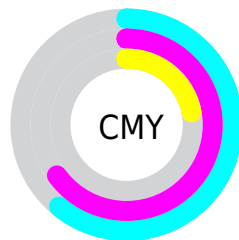


Cyan (50%)

Magenta (55%)

Yellow (0%)

Black (22%)



Cyan (61%)

Magenta (65%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 635AC6 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 635AC6 by changing the saturation by 10% instead.

■ 635AC6

■ 635AC6

FFFFFF

■ 4642AA

■ 9C8CFF

■ 262C8F

■ B9A7FF

■ 001775

■ D6C2FF

■ 00015C

■ F4DEFF

■ 000143

■ FFFBFF

■ 00032C

■ 000116

■ 000000

■ 635AC6

■ 635AC6

■ 5146C6

■ 756EC6

■ 3F32C6

■ 8782C6

■ 2D1FC6

■ 9995C6

■ 1A0BC6

■ ACA9C6

■ 1000C6

■ BEBDC6

■ D0D1C6

■ E2E5C6

■ F4F8C6

■ FFFFC6

Harmonies

Analogous

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



006FD5



635AC6



A83C9F

Triad

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



635AC6



A75000



008068

Complementary

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



635AC6



BDC65A

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.



007C2F



635AC6



7F6700

Square

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



635AC6



C13436



497500



00809E

Rectangle

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



635AC6



BE2A7C



497500



007F55

Sweetspot

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



635AC6



DAD6FF



5ABDC6



696780



000000



808080

Same Dimension

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



635AC6



6759FF



995AC6



5A5A63



0E00A3



030024

Inverse Universe

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



C65ABD



FF59F1



87C65A



635A63



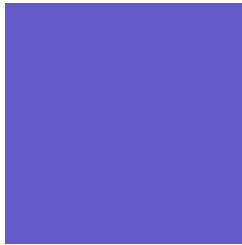
A30096



240021

Previews

White Background



This preview shows how the Hex color 635AC6 looks on a white background.

Color Contrast Check

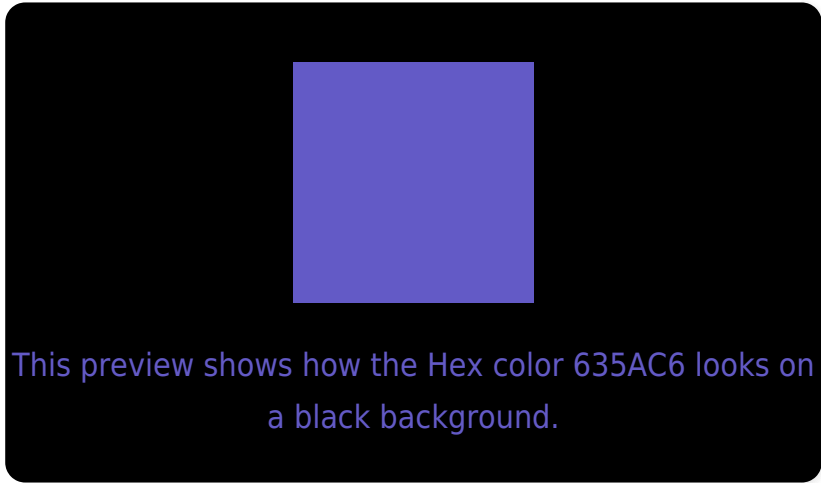
Large Text (above 18pt) WCAG AA ✓ Pass

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

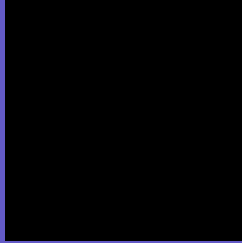
Any Text WCAG AA × Fail

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 635AC6 Background



This preview shows how black text looks on a background with the Hex color 635AC6.

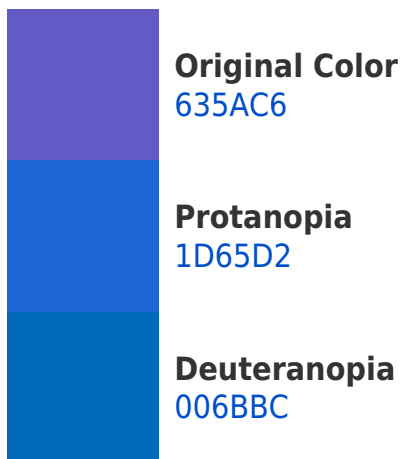


This preview shows how white text looks on a background with the Hex color 635AC6.

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](#).

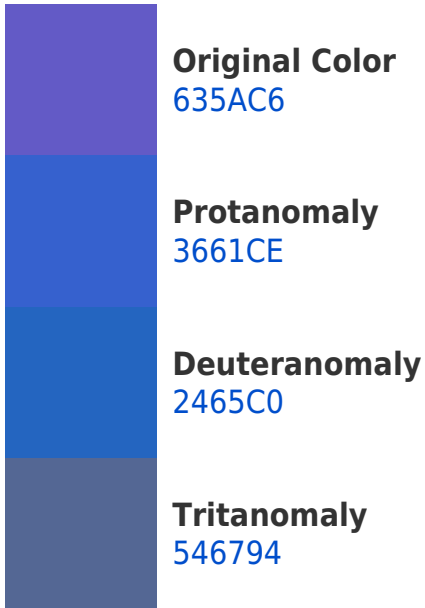
Dichromacy



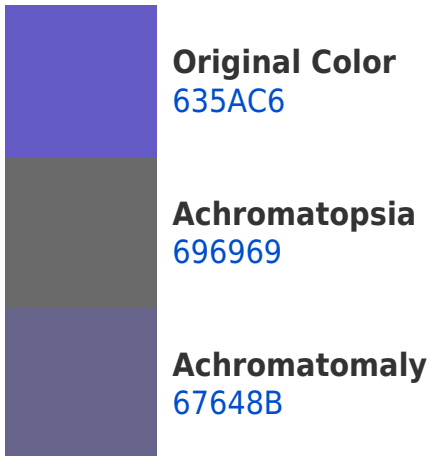


Tritanopia
4B6E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 635AC6 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 #635AC6 looks like.

```
.text, #text, p{  
    color:#635AC6  
}
```

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 #635AC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635AC6
}
```

Border

The CSS property to change the border of an element to Hex 635AC6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

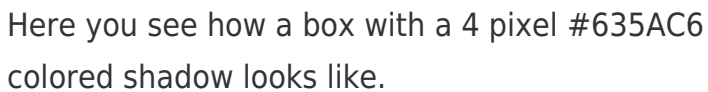
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635AC6 }
```

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

```
.border{ border-color:#635AC6 }
```

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



Here you see how a box with a 4 pixel #635AC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635AC6; -webkit-box-shadow:4px 4px  
4px 4px #635AC6; box-shadow:4px 4px 4px  
4px #635AC6 }
```

Background

The CSS property to change the background color of an element to Hex 635AC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635AC6 }
```

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

```
.background{ background-color:#635AC6 }
```

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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