

Converting Colors

Hex(635B96)

Have a look what the booklet for
Hex(635B96) contains.

Hex(635B96)	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(635B96)

Conversions

Conversions Part 1

Format	Color
Hex	635B96
RGB	99, 91, 150
RGB Percent	39%, 36%, 59%
CMY	0.6118, 0.6431, 0.4118
CMYK	0.34, 0.39, 0.00, 0.41
HSL	248°, 24%, 47%
HSV	248°, 39%, 59%
XYZ	14.3917, 12.3368, 30.4769
YIQ	100.1180, -14.1710, 20.0450

Conversions

Conversions Part 2

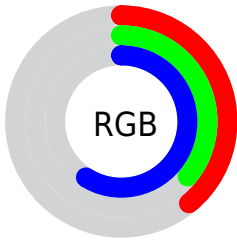
Format	Color
R_{YB}	99, 91, 150
Decimal	6511510
CIE _{Lab}	41.75, 17.59, -31.26
CIE _{LCh}	42, 35.874, 299.364
Yxy	12.3368, 0.2516, 0.2157
Android (android.graphics.Color)	4284701590 (0xFF635B96)
YUV	100.1180, 24.5918, -0.9805
Hunter-Lab	35.1238, 11.6722, -26.8592

Details

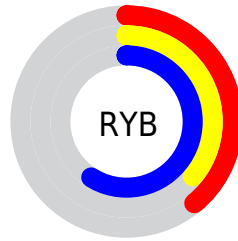
The Hex color **635B96** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8E965B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **988DCC**, and **312D63** is the 20% darker color. If you saturate the color by 10%, you get **564C96**, and if you desaturate by 10%, it is **706A96**.

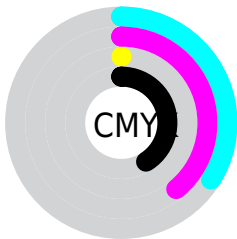
Distribution



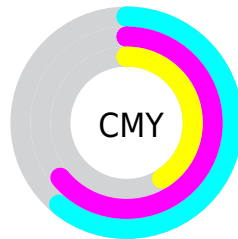
- Red (39%)
- Green (36%)
- Blue (59%)



- Red (39%)
- Yellow (36%)
- Blue (59%)



- Cyan (34%)
- Magenta (39%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (64%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 635B96 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 635B96 by changing the saturation by 10% instead.

635B96

635B96

FFFFFF

4A437C

988DCC

312D63

B3A8E9

18194B

CFC3FF

030034

EBDFFF

00021E

FFFBFF

000000

635B96

635B96

564C96

706A96

493D96

7D7996

■ 3C2E96

■ 8A8896

■ 2F1F96

■ 979796

■ 221096

■ A4A696

■ 150196

■ B1B596

■ 140096

■ BEC496

■ CBD396

■ D8E296

Harmonies

Analogous

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



27669D



635B96



865081

Triad

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



635B96



8B5630



007161

Complementary

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



635B96



8E965B

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.



306F43



635B96



746125

Square

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



635B96



984C47



56692D



00717F

Rectangle

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



635B96



944A6E



56692D



007157

Sweetspot

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



635B96



AEABC2



5B8E96



555361



E0E0E0



616161

Same Dimension

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



635B96



7367C2



805B96



44434A



13008A



01000A

Inverse Universe

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



965B8E



C267B5



71965B



4A4349



8A0077



0A0009

Previews

White Background



This preview shows how the Hex color 635B96 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

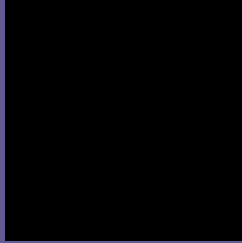
Any Text WCAG AA × Fail

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 635B96 Background



This preview shows how black text looks on a background with the Hex color 635B96.

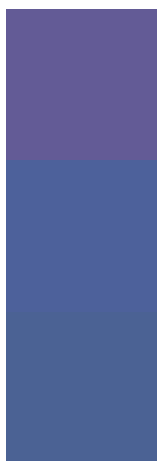


This preview shows how white text looks on a background with the Hex color 635B96.

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
635B96

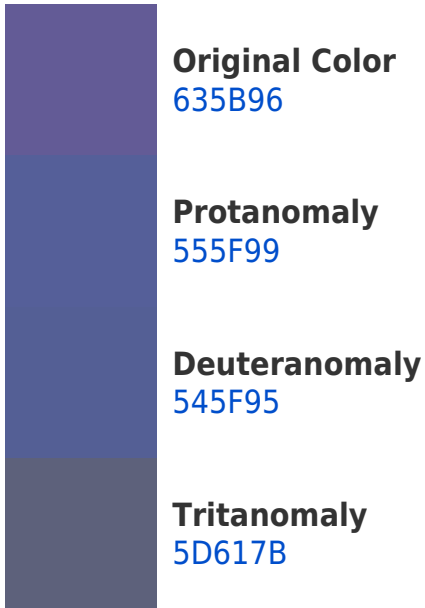
Protanopia
4D619B

Deuteranopia
4B6294

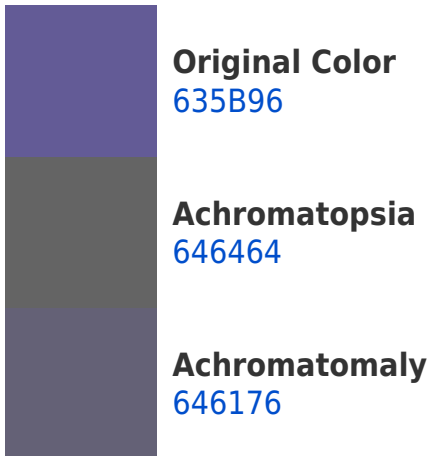


Tritanopia
5A646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 635B96 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 #635B96 looks like.

```
.text, #text, p{  
    color:#635B96  
}
```

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 #635B96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635B96
}
```

Border

The CSS property to change the border of an element to Hex 635B96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

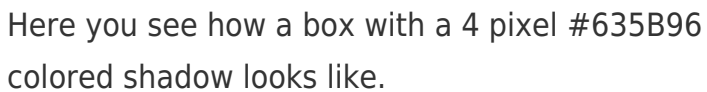
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635B96 }
```

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

```
.border{ border-color:#635B96 }
```

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



Here you see how a box with a 4 pixel #635B96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635B96; -webkit-box-shadow:4px 4px  
4px 4px #635B96; box-shadow:4px 4px 4px  
4px #635B96 }
```

Background

The CSS property to change the background color of an element to Hex 635B96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635B96 }
```

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

```
.background{ background-color:#635B96 }
```

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