

Converting Colors

Hex(634B85)

Have a look what the booklet for
Hex(634B85) contains.

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Color

Hex(634B85)

Conversions

Conversions Part 1

Format	Color
Hex	634B85
RGB	99, 75, 133
RGB Percent	39%, 29%, 52%
CMY	0.6118, 0.7059, 0.4784
CMYK	0.26, 0.44, 0.00, 0.48
HSL	265°, 28%, 41%
HSV	265°, 44%, 52%
XYZ	11.8953, 9.3783, 23.3735
YIQ	88.7880, -4.3140, 23.1260

Conversions

Conversions Part 2

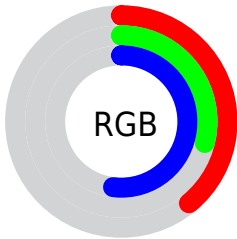
Format	Color
RYB	99, 75, 133
Decimal	6507397
CIELab	36.70, 22.93, -28.89
CIElCh	37, 36.884, 308.449
Yxy	9.3783, 0.2664, 0.2101
Android (android.graphics.Color)	4284697477 (0xFF634B85)
YUV	88.7880, 21.7965, 8.9559
Hunter-Lab	30.6239, 15.7431, -23.8160

Details

The Hex color **634B85** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6D854B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **977CBA**, and **321E53** is the 20% darker color. If you saturate the color by 10%, you get **5B3E85**, and if you desaturate by 10%, it is **6B5885**.

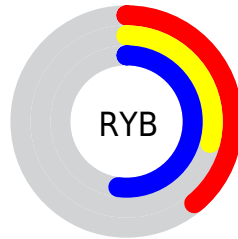
Distribution



Red (39%)

Green (29%)

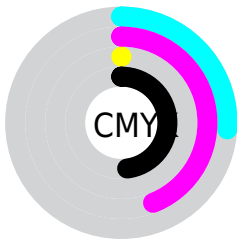
Blue (52%)



Red (39%)

Yellow (29%)

Blue (52%)

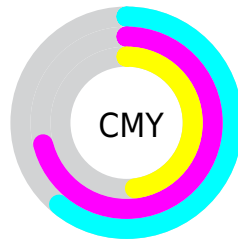


Cyan (26%)

Magenta (44%)

Yellow (0%)

Black (48%)



Cyan (61%)

Magenta (71%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 634B85 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 634B85 by changing the saturation by 10% instead.

634B85

634B85

FFFFFF

4A346C

977CBA

321E53

B296D6

1B093C

CEB1F3

000026

EBCDFF

00010E

FFE9FF

000000

634B85

634B85

5B3E85

6B5885

533085

736685

■ 4C2385

■ 7A7385

■ 441685

■ 828085

■ 3C0885

■ 8A8E85

■ 370085

■ 929B85

■ 9AA885

■ A1B585

■ A9C385

Harmonies

Analogous

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



2C5791



634B85



81406D

Triad

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



634B85



784D1E



00655E

Complementary

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



634B85



6D854B

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.



04633F



634B85



5F5817

Square

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



634B85



894233



3F5F25



00647A

Rectangle

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



634B85



8B3C59



3F5F25



006554

Sweetspot

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



634B85



A097AD



4B6E85



4F4957



D6D6D6



575757

Same Dimension

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



634B85



7953AD



7F4B85



3E3C42



360082



010003

Inverse Universe

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



854B6D



AD5388



51854B



423C40



82004C



030001

Previews

White Background



This preview shows how the Hex color 634B85 looks on a white background.

Color Contrast Check

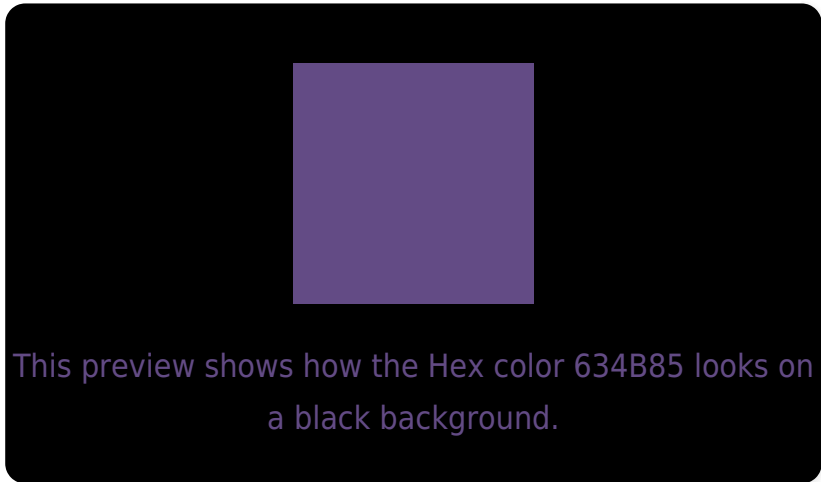
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

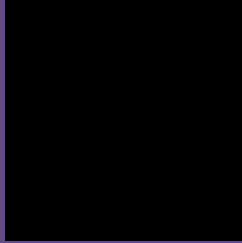
Any Text WCAG AA × Fail

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 634B85 Background



This preview shows how black text looks on a background with the Hex color 634B85.



This preview shows how white text looks on a background with the Hex color 634B85.

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
634B85

Protanopia
40558E

Deuteranopia
425683



Tritanopia
5B545B

Trichromacy



Original Color
634B85

Protanomaly
4D518B

Deuteranomaly
4E5284

Tritanomaly
5E516A

Monochromacy



Original Color
634B85

Achromatopsia
595959

Achromatomaly
5D5469

CSS Examples

Text

The CSS property to change the color of the text to Hex 634B85 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 #634B85 looks like.

```
.text, #text, p{  
    color:#634B85  
}
```

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 #634B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634B85
}
```

Border

The CSS property to change the border of an element to Hex 634B85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

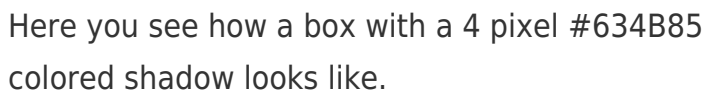
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634B85 }
```

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

```
.border{ border-color:#634B85 }
```

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



Here you see how a box with a 4 pixel #634B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634B85; -webkit-box-shadow:4px 4px  
4px 4px #634B85; box-shadow:4px 4px 4px  
4px #634B85 }
```

Background

The CSS property to change the background color of an element to Hex 634B85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634B85 }
```

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

```
.background{ background-color:#634B85 }
```

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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