

Converting Colors

Hex(645897)

Have a look what the booklet for
Hex(645897) contains.

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Color

Hex(645897)

Conversions

Conversions Part 1

Format	Color
Hex	645897
RGB	100, 88, 151
RGB Percent	39%, 35%, 59%
CMY	0.6078, 0.6549, 0.4078
CMYK	0.34, 0.42, 0.00, 0.41
HSL	251°, 26%, 47%
HSV	251°, 42%, 59%
XYZ	14.3312, 11.9231, 30.8242
YIQ	98.7700, -13.0710, 22.1370

Conversions

Conversions Part 2

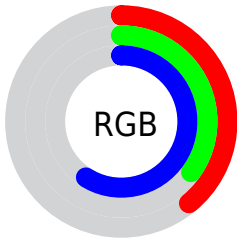
Format	Color
R_{YB}	100, 88, 151
Decimal	6576279
CIE _{Lab}	41.09, 20.03, -32.89
CIE _{LCh}	41, 38.506, 301.346
Yxy	11.9231, 0.2511, 0.2089
Android (android.graphics.Color)	4284766359 (0xFF645897)
YUV	98.7700, 25.7494, 1.0787
Hunter-Lab	34.5299, 13.6567, -28.7562

Details

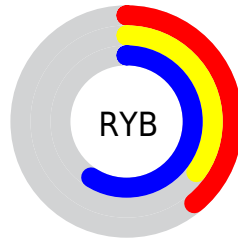
The Hex color **645897** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B9758**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **998ACE**, and **322A64** is the 20% darker color. If you saturate the color by 10%, you get **584997**, and if you desaturate by 10%, it is **706797**.

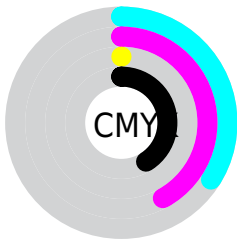
Distribution



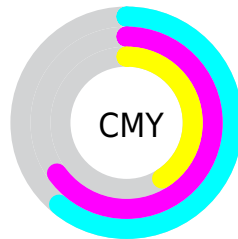
- Red (39%)
- Green (35%)
- Blue (59%)



- Red (39%)
- Yellow (35%)
- Blue (59%)



- Cyan (34%)
- Magenta (42%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (65%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645897 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 645897 by changing the saturation by 10% instead.

■ 645897

■ 645897

FFFFFF

■ 4B417D

■ 998ACE

■ 322A64

■ B4A4EA

■ 18164B

■ D0BFFF

■ 040035

■ EDDBFF

■ 00021E

■ FFF8FF

■ 000001

■ 000000

■ 645897

■ 645897

■ 584997

■ 706797

■ 4C3A97

■ 7C7697

■ 3F2B97

■ 898597

■ 331C97

■ 959497

■ 270C97

■ A1A497

■ 1D0097

■ ADB397

■ BAC297

■ C6D197

■ D2E097

Harmonies

Analogous

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



1F64A0



645897



894B80

Triad

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



645897



8A5429



007061

Complementary

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



645897



8B9758

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.



246E41



645897



71601E

Square

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



645897



994942



516928



007081

Rectangle

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



645897



96466B



516928



007056

Sweetspot

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



645897



B0ABC4



588B97



575463



E3E3E3



636363

Same Dimension

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



645897



7562C4



835897



46454D



1B008C



02000D

Inverse Universe

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



97588B



C462B2



6C9758



4D454B



8C0072



0D000A

Previews

White Background



This preview shows how the Hex color 645897 looks on a white background.

Color Contrast Check

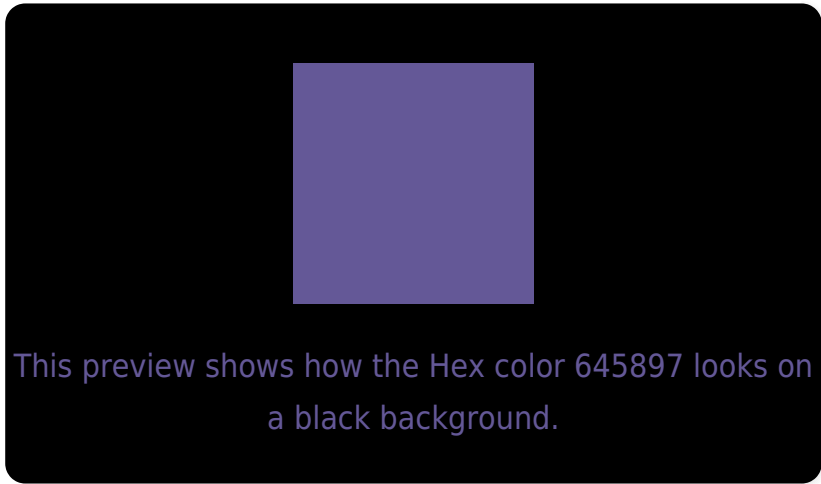
Large Text (above 18pt) WCAG AA ✓ Pass

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

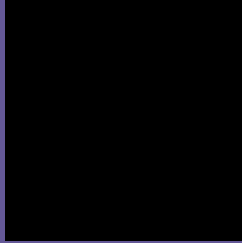
Any Text WCAG AA × Fail

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 645897 Background



This preview shows how black text looks on a background with the Hex color 645897.



This preview shows how white text looks on a background with the Hex color 645897.

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](#).

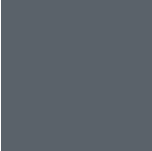
Dichromacy



Original Color
645897

Protanopia
485F9D

Deuteranopia
476195



Tritanopia
5A626A

Trichromacy



Original Color
645897

Protanomaly
525C9B

Deuteranomaly
525E96

Tritanomaly
5E5E7A

Monochromacy



Original Color
645897

Achromatopsia
636363

Achromatomaly
635F76

CSS Examples

Text

The CSS property to change the color of the text to Hex 645897 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 #645897 looks like.

```
.text, #text, p{  
    color:#645897  
}
```

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 #645897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645897
}
```

Border

The CSS property to change the border of an element to Hex 645897 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".

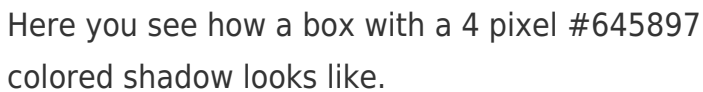
```
.border, #border, table{ border:4px solid
#645897 }
```

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

```
.border{ border-color:#645897 }
```

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

Here you see how a box with a 4 pixel #645897 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645897; -webkit-box-shadow:4px 4px  
4px 4px #645897; box-shadow:4px 4px 4px  
4px #645897 }
```

Background

The CSS property to change the background color of an element to Hex 645897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645897 }
```

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

```
.background{ background-color:#645897 }
```

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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