

Converting Colors

Hex(644B7D)

Have a look what the booklet for
Hex(644B7D) contains.

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Color

Hex(644B7D)

Conversions

Conversions Part 1

Format	Color
Hex	644B7D
RGB	100, 75, 125
RGB Percent	39%, 29%, 49%
CMY	0.6078, 0.7059, 0.5098
CMYK	0.20, 0.40, 0.00, 0.51
HSL	270°, 25%, 39%
HSV	270°, 40%, 49%
XYZ	11.4733, 9.2221, 20.5774
YIQ	88.1750, -1.1500, 20.8500

Conversions

Conversions Part 2

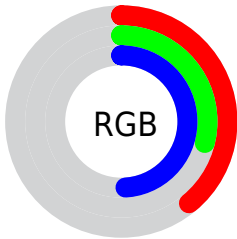
Format	Color
R_{YB}	100, 75, 125
Decimal	6572925
CIE _{Lab}	36.41, 21.21, -24.41
CIE _{LCh}	36, 32.339, 310.982
Yxy	9.2221, 0.2780, 0.2234
Android (android.graphics.Color)	4284763005 (0xFF644B7D)
YUV	88.1750, 18.1547, 10.3705
Hunter-Lab	30.3680, 14.2948, -18.9174




Details

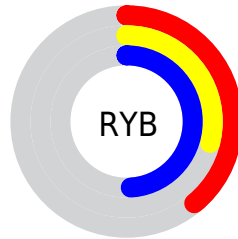
The Hex color **644B7D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **647D4B**, and the grayscale version is **585858**.




A 20% lighter version of the original color is **987CB2**, and **341E4C** is the 20% darker color. If you saturate the color by 10%, you get **5E3F7D**, and if you desaturate by 10%, it is **6A577D**.

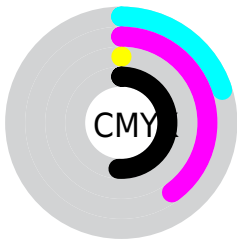
Distribution







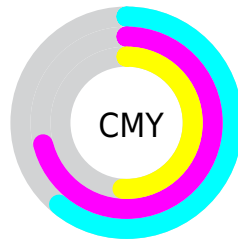
-  Red (39%)
-  Green (29%)
-  Blue (49%)






-  Red (39%)
-  Yellow (29%)
-  Blue (49%)



-  Cyan (20%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (61%)
-  Magenta (71%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644B7D 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 644B7D by changing the saturation by 10% instead.

644B7D

644B7D

FFFFFF

4B3464

987CB2

341E4C

B396CD

1D0935

CFB1EA

00001F

EBC0FF

000002

FFE9FF

000000

644B7D

644B7D

5E3F7D

6A577D

57327D

71647D

51267D

77717D

4B197D

7D7D7D

450C7D

838A7D

3F007D

8A967D

90A37D

96AF7D

9CBB7D

Harmonies

Analogous

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



3A5589



644B7D



7D4267

Triad

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



644B7D



724E24



00635F

Complementary

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



644B7D



647D4B

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.



156244



644B7D



5C5720

Square

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



644B7D



824535



3F5E2D



006177

Rectangle

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



644B7D



853F56



3F5E2D



006356

Sweetspot

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



644B7D



9990A3



4B647D



4C4652



D1D1D1



525252

Same Dimension

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



644B7D



7C55A3



7D4B7D



3D3940



400080



000000

Inverse Universe

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



7D4B64



A3557C



4B7D4B



40393D



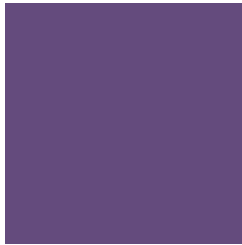
800040



000000

Previews

White Background



This preview shows how the Hex color 644B7D looks on a white background.

Color Contrast Check

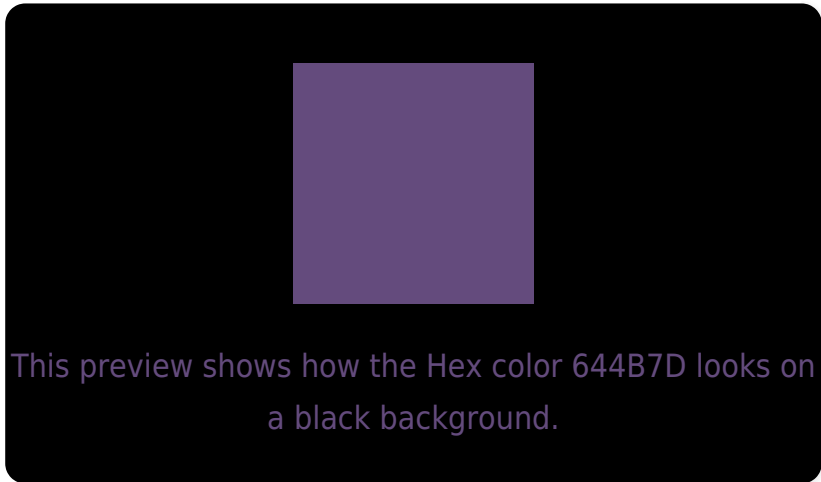
Large Text (above 18pt) WCAG AA ✓ Pass

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

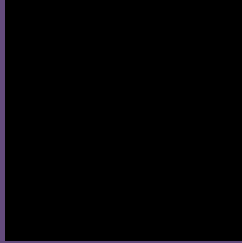
Any Text WCAG AA × Fail

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 644B7D Background



This preview shows how black text looks on a background with the Hex color 644B7D.



This preview shows how white text looks on a background with the Hex color 644B7D.

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
644B7D

Protanopia
445485

Deuteranopia
48557B



Tritanopia
5E5359

Trichromacy



Original Color
644B7D

Protanomaly
505182

Deuteranomaly
52517C

Tritanomaly
605066

Monochromacy



Original Color
644B7D

Achromatopsia
585858

Achromatomaly
5C5365

CSS Examples

Text

The CSS property to change the color of the text to Hex 644B7D 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 #644B7D looks like.

```
.text, #text, p{  
    color:#644B7D  
}
```

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 #644B7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644B7D
}
```

Border

The CSS property to change the border of an element to Hex 644B7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

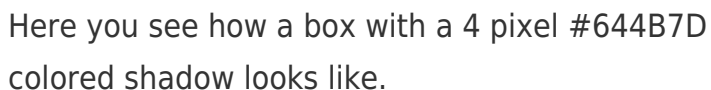
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644B7D }
```

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

```
.border{ border-color:#644B7D }
```

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



Here you see how a box with a 4 pixel #644B7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644B7D; -webkit-box-shadow:4px 4px  
4px 4px #644B7D; box-shadow:4px 4px 4px  
4px #644B7D }
```

Background

The CSS property to change the background color of an element to Hex 644B7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644B7D }
```

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

```
.background{ background-color:#644B7D }
```

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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