

Converting Colors

Hex(644A84)

Have a look what the booklet for
Hex(644A84) contains.

Hex(644A84)	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(644A84)

Conversions

Conversions Part 1

Format	Color
Hex	644A84
RGB	100, 74, 132
RGB Percent	39%, 29%, 52%
CMY	0.6078, 0.7098, 0.4824
CMYK	0.24, 0.44, 0.00, 0.48
HSL	267°, 28%, 40%
HSV	267°, 44%, 52%
XYZ	11.8692, 9.2728, 22.9941
YIQ	88.3860, -3.1220, 23.5500

Conversions

Conversions Part 2

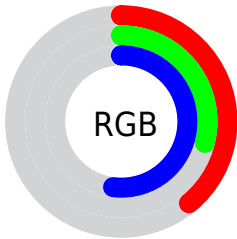
Format	Color
R _Y B	100, 74, 132
Decimal	6572676
CIE Lab	36.50, 23.61, -28.58
CIE LCh	37, 37.065, 309.559
Yxy	9.2728, 0.2689, 0.2101
Android (android.graphics.Color)	4284762756 (0xFF644A84)
YUV	88.3860, 21.5017, 10.1855
Hunter-Lab	30.4513, 16.2851, -23.4545

Details

The Hex color **644A84** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **6A844A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **987BB9**, and **331D52** is the 20% darker color. If you saturate the color by 10%, you get **5D3D84**, and if you desaturate by 10%, it is **6B5784**.

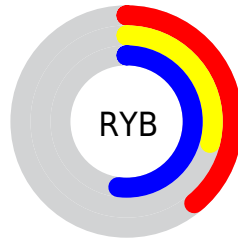
Distribution



Red (39%)

Green (29%)

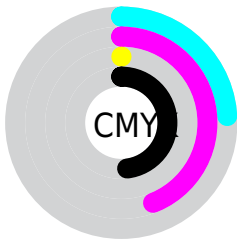
Blue (52%)



Red (39%)

Yellow (29%)

Blue (52%)

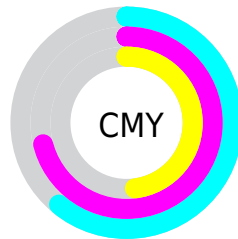


Cyan (24%)

Magenta (44%)

Yellow (0%)

Black (48%)



Cyan (61%)

Magenta (71%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644A84 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 644A84 by changing the saturation by 10% instead.

■ 644A84

■ 644A84

FFFFFF

■ 4B336B

■ 987BB9

■ 331D52

■ B395D5

■ 1C083B

■ CFB0F2

■ 000025

■ ECCBFF

■ 00010D

■ FFE8FF

■ 000000

■ 644A84

■ 644A84

■ 5D3D84

■ 6B5784

■ 553084

■ 736484

■ 4E2284

■ 7A7284

■ 471584

■ 817F84

■ 400884

■ 888C84

■ 3B0084

■ 909984

■ 97A684

■ 9EB484

■ A6C184

Harmonies

Analogous

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



2E5691



644A84



813F6B

Triad

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



644A84



774D1C



00645F

Complementary

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



644A84



6A844A

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.



006340



644A84



5D5716

Square

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



644A84



884131



3D5F25



00637B

Rectangle

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



644A84



8B3B58



3D5F25



006454

Sweetspot

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



644A84



9F95AB



4A6B84



4F4957



D6D6D6



575757

Same Dimension

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



644A84



7950AB



804A84



3F3C42



3A0082



010003

Inverse Universe

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



844A6A



AB5082



4E844A



423C3F



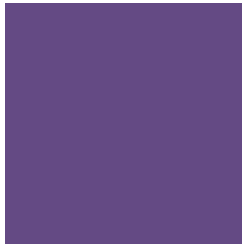
820048



030001

Previews

White Background



This preview shows how the Hex color 644A84 looks on a white background.

Color Contrast Check

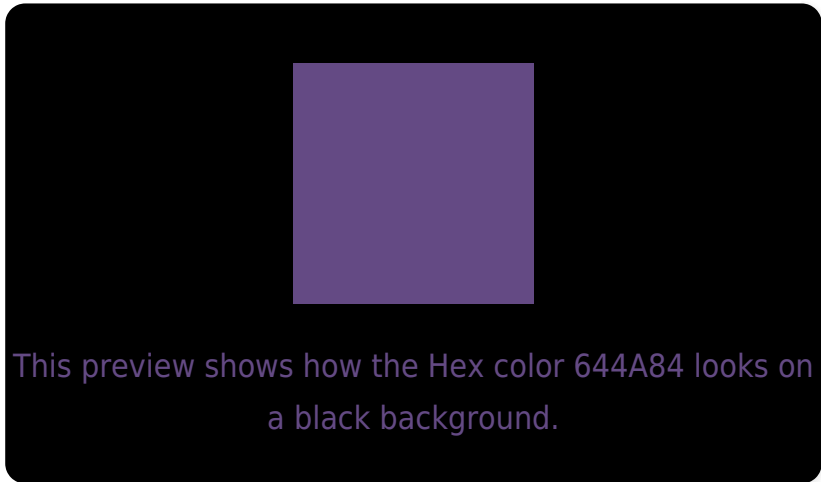
Large Text (above 18pt) WCAG AA ✓ Pass

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

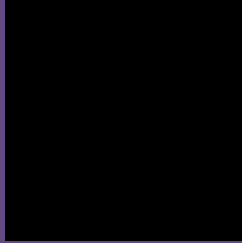
Any Text WCAG AA × Fail

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 644A84 Background



This preview shows how black text looks on a background with the Hex color 644A84.

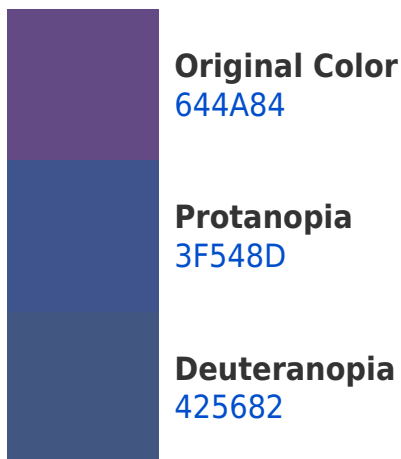


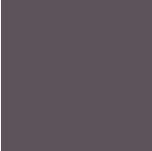
This preview shows how white text looks on a background with the Hex color 644A84.

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
5D535A

Trichromacy



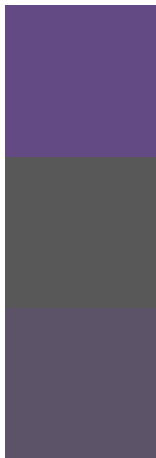
Original Color
644A84

Protanomaly
4C508A

Deuteranomaly
4E5283

Tritanomaly
605069

Monochromacy



Original Color
644A84

Achromatopsia
585858

Achromatomaly
5C5368

CSS Examples

Text

The CSS property to change the color of the text to Hex 644A84 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 #644A84 looks like.

```
.text, #text, p{  
    color:#644A84  
}
```

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 #644A84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644A84
}
```

Border

The CSS property to change the border of an element to Hex 644A84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

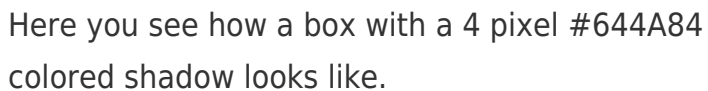
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644A84 }
```

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

```
.border{ border-color:#644A84 }
```

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



Here you see how a box with a 4 pixel #644A84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644A84; -webkit-box-shadow:4px 4px  
4px 4px #644A84; box-shadow:4px 4px 4px  
4px #644A84 }
```

Background

The CSS property to change the background color of an element to Hex 644A84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644A84 }
```

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

```
.background{ background-color:#644A84 }
```

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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