

Converting Colors

Hex(644E86)

Have a look what the booklet for
Hex(644E86) contains.

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Color

Hex(644E86)

Conversions

Conversions Part 1

Format	Color
Hex	644E86
RGB	100, 78, 134
RGB Percent	39%, 31%, 53%
CMY	0.6078, 0.6941, 0.4745
CMYK	0.25, 0.42, 0.00, 0.47
HSL	264°, 26%, 42%
HSV	264°, 42%, 53%
XYZ	12.2830, 9.8793, 23.8138
YIQ	90.9620, -4.8640, 22.0800

Conversions

Conversions Part 2

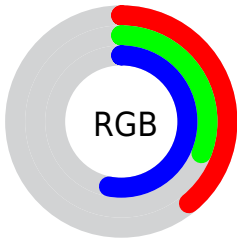
Format	Color
RYB	100, 78, 134
Decimal	6573702
CIELab	37.62, 21.65, -28.04
CIElCh	38, 35.426, 307.666
Yxy	9.8793, 0.2672, 0.2149
Android (android.graphics.Color)	4284763782 (0xFF644E86)
YUV	90.9620, 21.2177, 7.9263
Hunter-Lab	31.4314, 14.7506, -22.9186

Details

The Hex color **644E86** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **70864E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **987FBB**, and **332154** is the 20% darker color. If you saturate the color by 10%, you get **5C4186**, and if you desaturate by 10%, it is **6C5B86**.

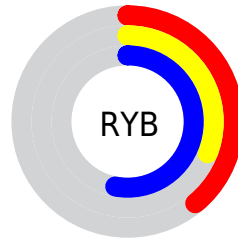
Distribution



Red (39%)

Green (31%)

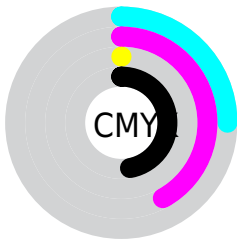
Blue (53%)



Red (39%)

Yellow (31%)

Blue (53%)

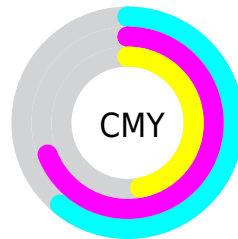


Cyan (25%)

Magenta (42%)

Yellow (0%)

Black (47%)



Cyan (61%)

Magenta (69%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644E86 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 644E86 by changing the saturation by 10% instead.

644E86

644E86

FFFFFF

4B376D

987FBB

332154

B399D7

1C0C3C

CFB4F4

000027

ECD0FF

00010F

FFECFF

000000

644E86

644E86

5C4186

6C5B86

543386

746986

■ 4C2686

■ 7C7686

■ 431886

■ 858486

■ 3B0B86

■ 8D9186

■ 350086

■ 959E86

■ 9DAC86

■ A5B986

■ ADC786

Harmonies

Analogous

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



315991



644E86



81436F

Triad

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



644E86



7A4F23



00675F

Complementary

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



644E86



70864E

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.



146542



644E86



62591C

Square

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



644E86



8A4537



436129



00667B

Rectangle

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



644E86



8B405C



436129



006755

Sweetspot

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



644E86



A097AD



4E7186



4E4957



D6D6D6



575757

Same Dimension

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



644E86



7957AD



7F4E86



3E3C42



330082



010003

Inverse Universe

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



864E70



AD578B



55864E



423C40



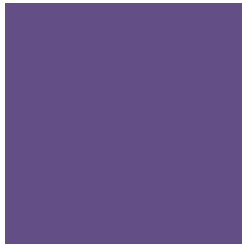
82004F



030002

Previews

White Background



This preview shows how the Hex color 644E86 looks on a white background.

Color Contrast Check

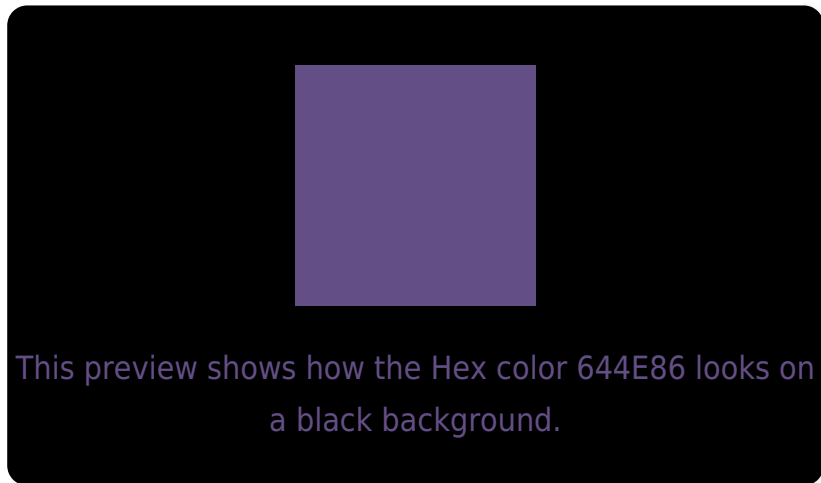
Large Text (above 18pt) WCAG AA ✓ Pass

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

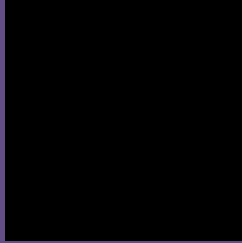
Any Text WCAG AA × Fail

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 644E86 Background



This preview shows how black text looks on a background with the Hex color 644E86.



This preview shows how white text looks on a background with the Hex color 644E86.

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
644E86

Protanopia
44578E

Deuteranopia
455884



Tritanopia
5D575E

Trichromacy



Original Color
644E86

Protanomaly
50548B

Deuteranomaly
505485

Tritanomaly
60546D

Monochromacy



Original Color
644E86

Achromatopsia
5B5B5B

Achromatomaly
5E566B

CSS Examples

Text

The CSS property to change the color of the text to Hex 644E86 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 #644E86 looks like.

```
.text, #text, p{  
    color:#644E86  
}
```

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 #644E86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644E86
}
```

Border

The CSS property to change the border of an element to Hex 644E86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

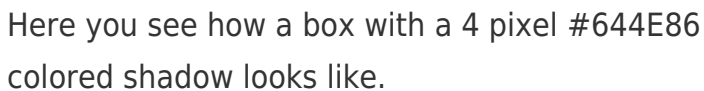
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644E86 }
```

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

```
.border{ border-color:#644E86 }
```

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



Here you see how a box with a 4 pixel #644E86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644E86; -webkit-box-shadow:4px 4px  
4px 4px #644E86; box-shadow:4px 4px 4px  
4px #644E86 }
```

Background

The CSS property to change the background color of an element to Hex 644E86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644E86 }
```

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

```
.background{ background-color:#644E86 }
```

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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