

Converting Colors

Hex(646180)

Have a look what the booklet for
Hex(646180) contains.

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Color

Hex(646180)

Conversions

Conversions Part 1

Format	Color
Hex	646180
RGB	100, 97, 128
RGB Percent	39%, 38%, 50%
CMY	0.6078, 0.6196, 0.4980
CMYK	0.22, 0.24, 0.00, 0.50
HSL	246°, 14%, 44%
HSV	246°, 24%, 50%
XYZ	13.4265, 12.8172, 22.1884
YIQ	101.4310, -8.1630, 10.2770

Conversions

Conversions Part 2

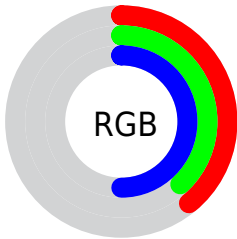
Format	Color
R_{YB}	100, 97, 128
Decimal	6578560
CIE Lab	42.49, 8.31, -16.85
CIE LCh	42, 18.790, 296.232
Yxy	12.8172, 0.2772, 0.2646
Android (android.graphics.Color)	4284768640 (0xFF646180)
YUV	101.4310, 13.0985, -1.2550
Hunter-Lab	35.8012, 4.2908, -11.6852

Details

The Hex color **646180** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7D8061**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9794B5**, and **35334F** is the 20% darker color. If you saturate the color by 10%, you get **585480**, and if you desaturate by 10%, it is **706E80**.

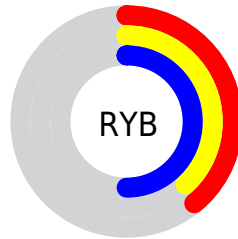
Distribution



Red (39%)

Green (38%)

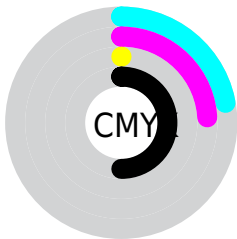
Blue (50%)



Red (39%)

Yellow (38%)

Blue (50%)

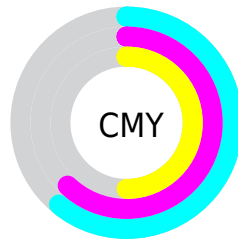


Cyan (22%)

Magenta (24%)

Yellow (0%)

Black (50%)



Cyan (61%)

Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646180 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 646180 by changing the saturation by 10% instead.

646180

646180

FFFFFF

4C4967

9794B5

35334F

B2AED0

1E1E38

CECAED

0A0422

EAE6FF

000009

000000

646180

646180

585480

706E80

4D4780

7B7B80

■ 413B80

■ 878780

■ 362E80

■ 929480

■ 2A2180

■ 9EA180

■ 1F1480

■ A9AE80

■ 130780

■ B5BB80

■ 0C0080

■ C0C780

■ CCD480

Harmonies

Analogous

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



4E6683



646180



765C76

Triad

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



646180



7E5D4B



3F6D62

Complementary

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



646180



7D8061

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.



4F6B53



646180



716345

Square

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



646180



835A57



616748



356D71

Rectangle

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



646180



7F5A6C



616748



446C5C

Sweetspot

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



646180



9B9AA6



617D80



4E4D54



D4D4D4



545454

Same Dimension

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



646180



7A76A6



736180



3A3940



0C0080



000000

Inverse Universe

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



80617D



A676A1



6E8061



40393F



800073



000000

Previews

White Background



This preview shows how the Hex color 646180 looks on a white background.

Color Contrast Check

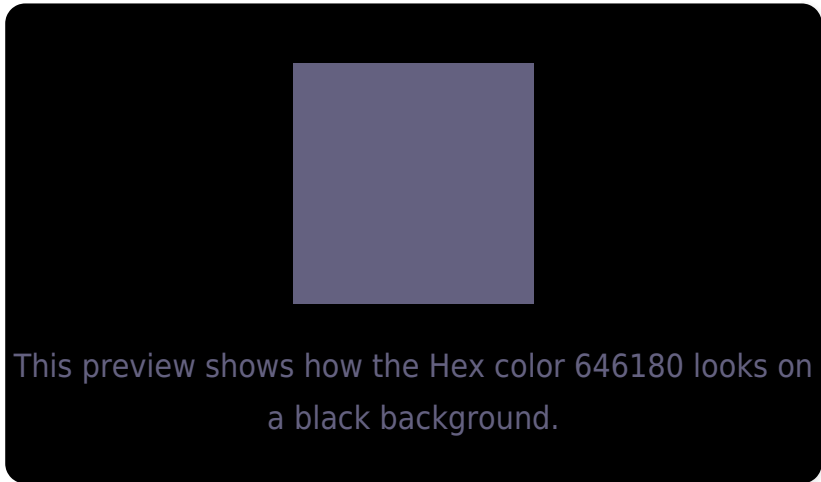
Large Text (above 18pt) WCAG AA ✓ Pass

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

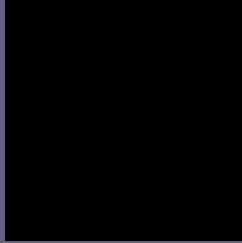
Any Text WCAG AA × Fail

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 646180 Background



This preview shows how black text looks on a background with the Hex color 646180.



This preview shows how white text looks on a background with the Hex color 646180.

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
646180

Protanopia
5C6382

Deuteranopia
606280



Tritanopia
60656D

Trichromacy



Original Color
646180

Protanomaly
5F6281

Deuteranomaly
616280

Tritanomaly
616474

Monochromacy



Original Color
646180

Achromatopsia
656565

Achromatomaly
65646F

CSS Examples

Text

The CSS property to change the color of the text to Hex 646180 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 #646180 looks like.

```
.text, #text, p{  
    color:#646180  
}
```

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 #646180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646180
}
```

Border

The CSS property to change the border of an element to Hex 646180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

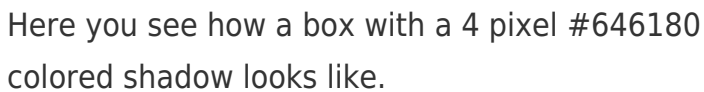
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646180 }
```

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

```
.border{ border-color:#646180 }
```

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



Here you see how a box with a 4 pixel #646180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646180; -webkit-box-shadow:4px 4px  
4px 4px #646180; box-shadow:4px 4px 4px  
4px #646180 }
```

Background

The CSS property to change the background color of an element to Hex 646180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646180 }
```

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

```
.background{ background-color:#646180 }
```

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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