

Converting Colors

Hex(646190)

Have a look what the booklet for
Hex(646190) contains.

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Color

Hex(646190)

Conversions

Conversions Part 1

Format	Color
Hex	646190
RGB	100, 97, 144
RGB Percent	39%, 38%, 56%
CMY	0.6078, 0.6196, 0.4353
CMYK	0.31, 0.33, 0.00, 0.44
HSL	244°, 20%, 47%
HSV	244°, 33%, 56%
XYZ	14.5643, 13.2723, 28.1798
YIQ	103.2550, -13.2990, 15.2530

Conversions

Conversions Part 2

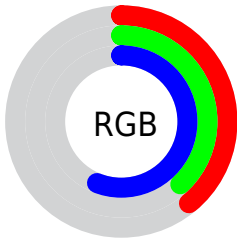
Format	Color
RYB	100, 97, 144
Decimal	6578576
CIELab	43.17, 12.51, -25.44
CIELCh	43, 28.347, 296.194
Yxy	13.2723, 0.2600, 0.2369
Android (android.graphics.Color)	4284768656 (0xFF646190)
YUV	103.2550, 20.0873, -2.8546
Hunter-Lab	36.4312, 7.6051, -20.3593

Details

The Hex color **646190** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8D9061**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9894C6**, and **33335D** is the 20% darker color. If you saturate the color by 10%, you get **575390**, and if you desaturate by 10%, it is **716F90**.

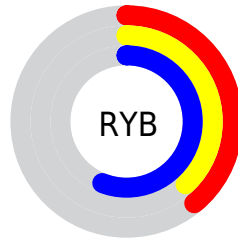
Distribution



Red (39%)

Green (38%)

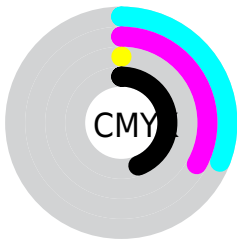
Blue (56%)



Red (39%)

Yellow (38%)

Blue (56%)

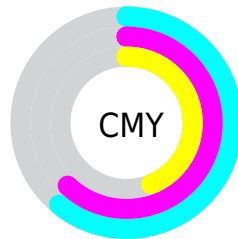


Cyan (31%)

Magenta (33%)

Yellow (0%)

Black (44%)



Cyan (61%)

Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646190 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 646190 by changing the saturation by 10% instead.

■ 646190

■ 646190

FFFFFF

■ 4B4976

■ 9894C6

■ 33335D

■ B3AEE2

■ 1B1E45

■ CFCAFF

■ 06052F

■ EBE6FF

■ 00011A

■ 000000

■ 646190

■ 646190

■ 575390

■ 716F90

■ 494490

■ 7F7E90

■ 3C3690

■ 8C8C90

■ 2E2790

■ 9A9B90

■ 211990

■ A7A990

■ 130B90

■ B5B790

■ 090090

■ C2C690

■ D0D490

■ DDE390

Harmonies

Analogous

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



3C6994



646190



815980

Triad

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



646190



8A5B40



217262

Complementary

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



646190



8D9061

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.



44704B



646190



786437

Square

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



646190



935552



606B3B



00727A

Rectangle

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



646190



8D5572



606B3B



2E725A

Sweetspot

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



646190



A9A8BA



618E90



54535E



DEDEDE



5E5E5E

Same Dimension

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



646190



7672BA



7B6190



414047



090087



000008

Inverse Universe

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



90618D



BA72B6



769061



474047



87007F



080007

Previews

White Background



This preview shows how the Hex color 646190 looks on a white background.

Color Contrast Check

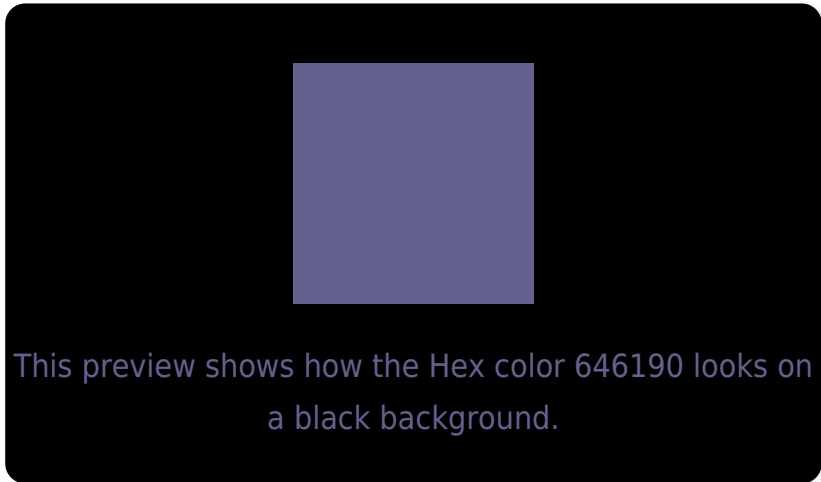
Large Text (above 18pt) WCAG AA ✓ Pass

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

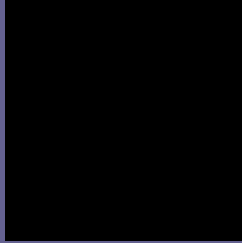
Any Text WCAG AA × Fail

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 646190 Background



This preview shows how black text looks on a background with the Hex color 646190.

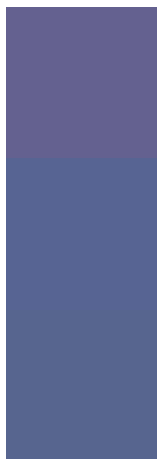


This preview shows how white text looks on a background with the Hex color 646190.

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
646190

Protanopia
576493

Deuteranopia
57658F



Tritanopia
5D6770

Trichromacy



Original Color
646190

Protanomaly
5C6392

Deuteranomaly
5C648F

Tritanomaly
60657C

Monochromacy



Original Color
646190

Achromatopsia
676767

Achromatomaly
666576

CSS Examples

Text

The CSS property to change the color of the text to Hex 646190 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 #646190 looks like.

```
.text, #text, p{  
    color:#646190  
}
```

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 #646190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646190
}
```

Border

The CSS property to change the border of an element to Hex 646190 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
#646190 }
```

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

```
.border{ border-color:#646190 }
```

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

Here you see how a box with a 4 pixel #646190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646190; -webkit-box-shadow:4px 4px  
4px 4px #646190; box-shadow:4px 4px 4px  
4px #646190 }
```

Background

The CSS property to change the background color of an element to Hex 646190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646190 }
```

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

```
.background{ background-color:#646190 }
```

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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