

# Converting Colors

Hex(614181)

Have a look what the booklet for  
Hex(614181) contains.

<b>Hex(614181)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(614181)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	614181
RGB	97, 65, 129
RGB Percent	38%, 25%, 51%
CMY	0.6196, 0.7451, 0.4941
CMYK	0.25, 0.50, 0.00, 0.49
HSL	270°, 33%, 38%
HSV	270°, 50%, 51%
XYZ	10.7825, 7.9070, 21.7268
YIQ	81.8640, -1.4720, 26.6880

# Conversions

## Conversions Part 2

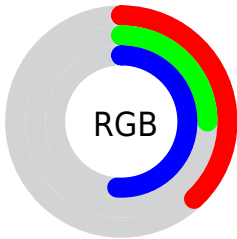
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 65, 129
Decimal	6373761
CIE <sub>Lab</sub>	33.79, 27.44, -31.03
CIE <sub>LCh</sub>	34, 41.422, 311.488
Yxy	7.9070, 0.2668, 0.1956
Android (android.graphics.Color)	4284563841 (0xFF614181)
YUV	81.8640, 23.2380, 13.2743
Hunter-Lab	28.1193, 19.2380, -26.1277

# Details

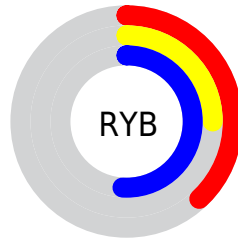
The Hex color **614181** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **618141**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9572B6**, and **30144F** is the 20% darker color. If you saturate the color by 10%, you get **5B3481**, and if you desaturate by 10%, it is **674E81**.

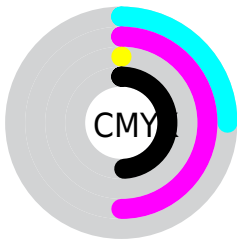
# Distribution



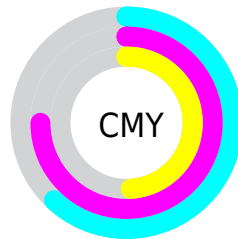
- Red (38%)
- Green (25%)
- Blue (51%)



- Red (38%)
- Yellow (25%)
- Blue (51%)



- Cyan (25%)
- Magenta (50%)
- Yellow (0%)
- Black (49%)



- Cyan (62%)
- Magenta (75%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 614181 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 614181 by changing the saturation by 10% instead.



614181

614181

FFFFFF

482A68

9572B6

30144F

B08BD2

1A0038

CCA6EE

000222

E9C1FF

000007

FFDFFF

000000

FFFAFF

614181

614181

5B3481

674E81

■ 542781

■ 6E5B81

■ 4E1A81

■ 746881

■ 470D81

■ 7B7581

■ 410181

■ 818281

■ 410081

■ 888E81

■ 8E9B81

■ 95A881

■ 9BB581

# Harmonies

## Analogous

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



1F4F90



614181



803365

# Triad

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



614181



70460B



005F5C

# Complementary

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



614181



618141

# 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.



005E39



614181



545203

# Square

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



614181



843925



2F591A



005E7A

# Rectangle

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



614181



892F4F



2F591A



005F50



# Sweetspot

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



614181



9C8FA8



416181



4D4554



D4D4D4



545454



# Same Dimension

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



614181



7643A8



814181



3D3940



400080



000000



# Inverse Universe

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



814161



A84376



418141



40393D



800040

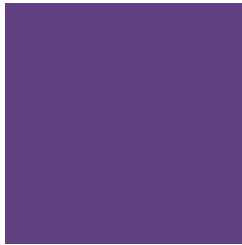


000000



# Previews

## White Background



This preview shows how the Hex color 614181 looks on a white background.

## Color Contrast Check

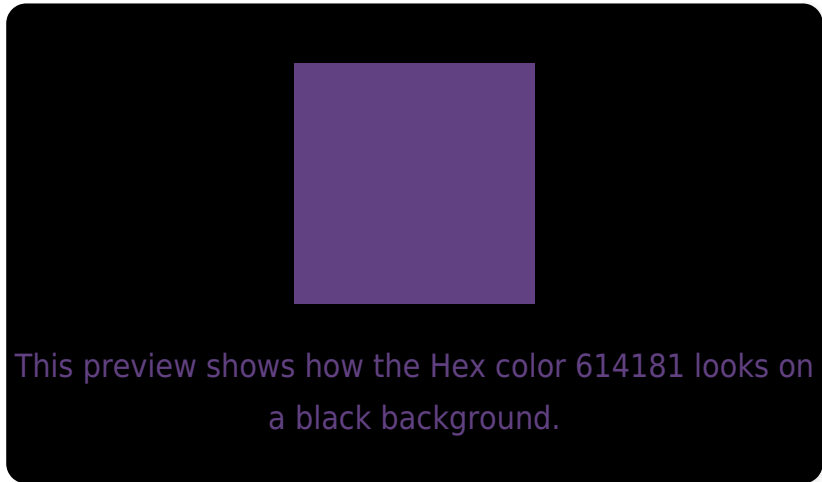
Large Text (above 18pt) WCAG AA ✓ Pass

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

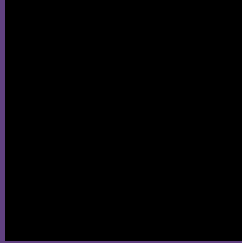
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 614181 Background



This preview shows how black text looks on a background with the Hex color 614181.

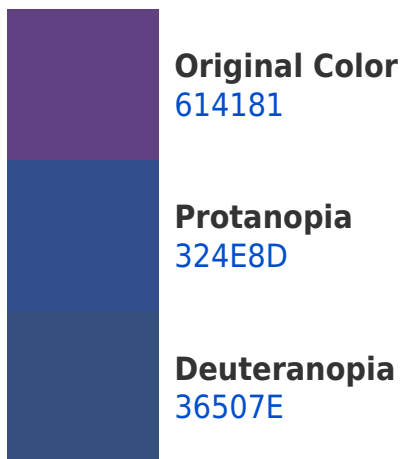


This preview shows how white text looks on a background with the Hex color 614181.

# 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](#).

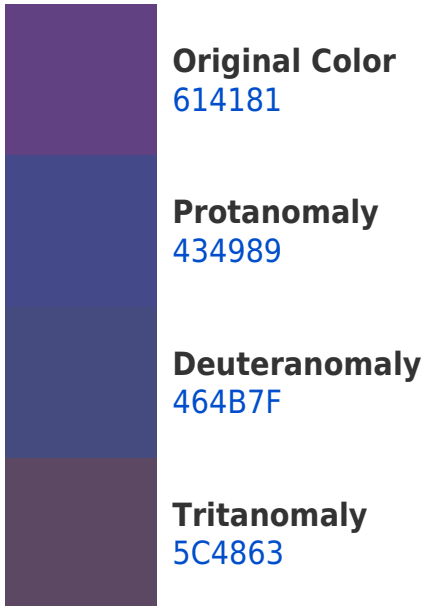
## Dichromacy



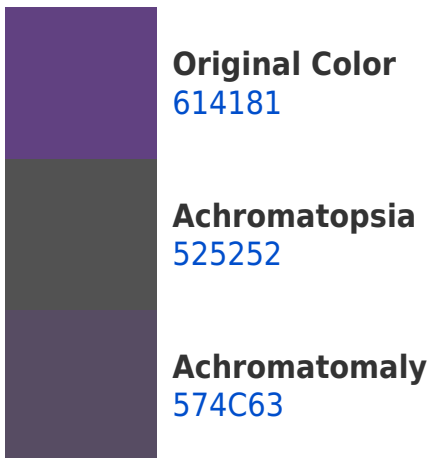


**Tritanopia**  
594C52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 614181 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 #614181 looks like.

```
.text, #text, p{  
    color:#614181  
}
```

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 #614181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #614181
}
```

## Border

The CSS property to change the border of an element to Hex 614181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

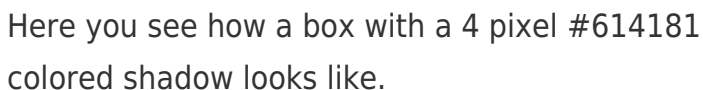
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#614181 }
```

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

```
.border{ border-color:#614181 }
```

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



Here you see how a box with a 4 pixel #614181 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #614181; -webkit-box-shadow:4px 4px  
4px 4px #614181; box-shadow:4px 4px 4px  
4px #614181 }
```

# Background

The CSS property to change the background color of an element to Hex 614181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#614181 }
```

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

```
.background{ background-color:#614181 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor