

# Converting Colors

Hex(614268)

Have a look what the booklet for  
Hex(614268) contains.

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# Color

**Hex(614268)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	614268
RGB	97, 66, 104
RGB Percent	38%, 26%, 41%
CMY	0.6196, 0.7412, 0.5922
CMYK	0.07, 0.37, 0.00, 0.59
HSL	289°, 22%, 33%
HSV	289°, 37%, 41%
XYZ	9.3767, 7.4373, 14.0380
YIQ	79.6010, 6.2780, 18.3900

# Conversions

## Conversions Part 2

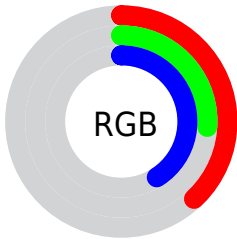
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 66, 104
Decimal	6373992
CIELab	32.78, 20.76, -16.93
CIElCh	33, 26.790, 320.809
Yxy	7.4373, 0.3039, 0.2411
Android (android.graphics.Color)	4284564072 (0xFF614268)
YUV	79.6010, 12.0287, 15.2589
Hunter-Lab	27.2714, 13.6483, -11.4297

# Details

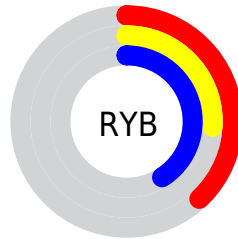
The Hex color **614268** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **496842**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **94739B**, and **321639** is the 20% darker color. If you saturate the color by 10%, you get **5F3868**, and if you desaturate by 10%, it is **634C68**.

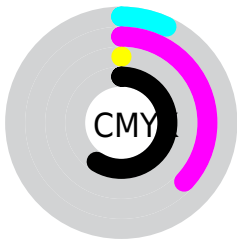
# Distribution



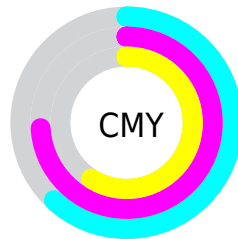
- Red (38%)
- Green (26%)
- Blue (41%)



- Red (38%)
- Yellow (26%)
- Blue (41%)



- Cyan (7%)
- Magenta (37%)
- Yellow (0%)
- Black (59%)



- Cyan (62%)
- Magenta (74%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 614268 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 614268 by changing the saturation by 10% instead.



614268

614268

FFFFFF

492B50

94739B

321639

AF8CB6

1E0023

CBA7D2

00000B

E7C2EE

000000

FFDEFF

FFFBFF

614268

614268

5F3868

634C68

■ 5D2D68

■ 655768

■ 5B2368

■ 676168

■ 591868

■ 696C68

■ 570E68

■ 6B7668

■ 560468

■ 6C8068

■ 550068

■ 6E8B68

■ 709568

■ 72A068

# Harmonies

## Analogous

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



454A75



614268



713C55

# Triad

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



614268



604A23



00585B

# Complementary

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



614268



496842

# 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.



0E5846



614268



4B5024

# Square

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



614268



6E422D



335532



00566D

# Rectangle

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



614268



753C46



335532



005854



# Sweetspot

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



614268



847887



424A68



433C45



C4C4C4



454545



# Same Dimension

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



614268



7C4C87



68425D



322E33



5E0073



C600F2



# Inverse Universe

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



684249



874C57



42684D



332E2F



730015



F2002D



# Previews

## White Background



This preview shows how the Hex color 614268 looks on a white background.

## Color Contrast Check

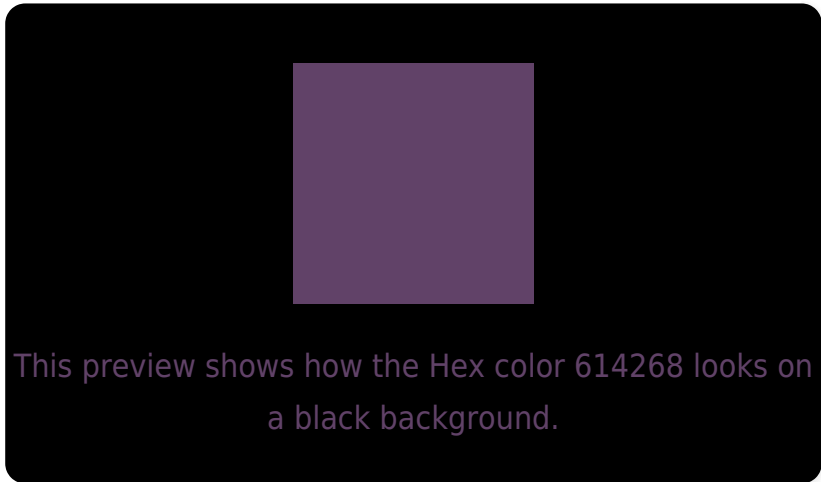
Large Text (above 18pt) WCAG AA ✓ Pass

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

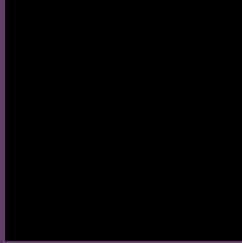
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 614268 Background



This preview shows how black text looks on a background with the Hex color 614268.



This preview shows how white text looks on a background with the Hex color 614268.

# 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**  
614268

**Protanopia**  
424C70

**Deuteranopia**  
474C66



**Tritanopia**  
5D484D

# Trichromacy



**Original Color**  
614268

**Protanomaly**  
4D486D

**Deuteranomaly**  
504867

**Tritanomaly**  
5E4657

# Monochromacy



**Original Color**  
614268

**Achromatopsia**  
505050

**Achromatomaly**  
564B59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 614268 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 #614268 looks like.

```
.text, #text, p{  
    color:#614268  
}
```

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 #614268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #614268
}
```

## Border

The CSS property to change the border of an element to Hex 614268 is called "border". The border property can be set on classes, ids or directly on the HTML element.

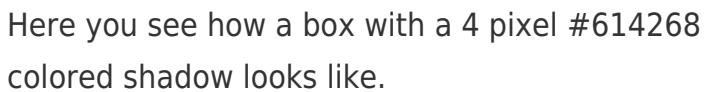
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#614268 }
```

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

```
.border{ border-color:#614268 }
```

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



Here you see how a box with a 4 pixel #614268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #614268; -webkit-box-shadow:4px 4px  
4px 4px #614268; box-shadow:4px 4px 4px  
4px #614268 }
```

# Background

The CSS property to change the background color of an element to Hex 614268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#614268 }
```

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

```
.background{ background-color:#614268 }
```

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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