

# Converting Colors

Hex(636172)

Have a look what the booklet for  
Hex(636172) contains.

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# Color

Hex(636172)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	636172
RGB	99, 97, 114
RGB Percent	39%, 38%, 45%
CMY	0.6118, 0.6196, 0.5529
CMYK	0.13, 0.15, 0.00, 0.55
HSL	247°, 8%, 41%
HSV	247°, 15%, 45%
XYZ	12.4575, 12.4169, 17.6597
YIQ	99.5360, -4.2650, 5.7110

# Conversions

## Conversions Part 2

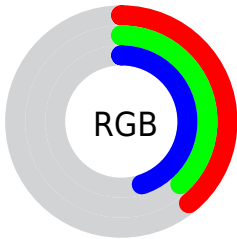
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 97, 114
Decimal	6513010
CIE <sub>Lab</sub>	41.87, 4.54, -9.29
CIE <sub>LCh</sub>	42, 10.340, 296.021
Yxy	12.4169, 0.2929, 0.2919
Android (android.graphics.Color)	4284703090 (0xFF636172)
YUV	99.5360, 7.1308, -0.4701
Hunter-Lab	35.2377, 1.4390, -5.0474

# Details

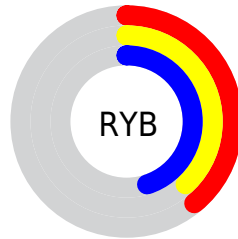
The Hex color **636172** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **707261**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9694A6**, and **343342** is the 20% darker color. If you saturate the color by 10%, you get **595672**, and if you desaturate by 10%, it is **6D6C72**.

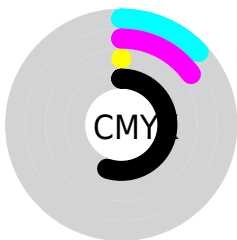
# Distribution



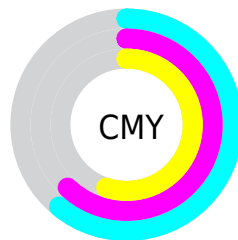
- Red (39%)
- Green (38%)
- Blue (45%)



- Red (39%)
- Yellow (38%)
- Blue (45%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)
- Black (55%)



- Cyan (61%)
- Magenta (62%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 636172 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 636172 by changing the saturation by 10% instead.



■ 636172

■ 636172

FFFFFF

■ 4B4959

■ 9694A6

■ 343342

■ B1AEC1

■ 1F1E2C

■ CCCADD

■ 080418

■ E8E6F9

■ 000000

■ 636172

■ 636172

■ 595672

■ 6D6C72

■ 4F4A72

■ 777872

■ 453F72

■ 818372

■ 3B3372

■ 8B8F72

■ 312872

■ 959A72

■ 271D72

■ 9FA572

■ 1D1172

■ A9B172

■ 130672

■ B3BC72

■ 0D0072

■ BEC872

# Harmonies

## Analogous

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



586474



636172



6D5E6C

# Triad

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



636172



725F55



506861

# Complementary

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



636172



707261

# 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.



586759



636172



6B6252

# Square

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



636172



755D5C



616553



4D686A

# Rectangle

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



636172



725D67



616553



52675E



# Sweetspot

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



636172



8F8E94



617072



47464A



C9C9C9



4A4A4A



# Same Dimension

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



636172



7C7994



6B6172



333238



0E0078



1D00F7



# Inverse Universe

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



726170



947991



687261



383237



78006A



F700DA



# Previews

## White Background



This preview shows how the Hex color 636172 looks on a white background.

## Color Contrast Check

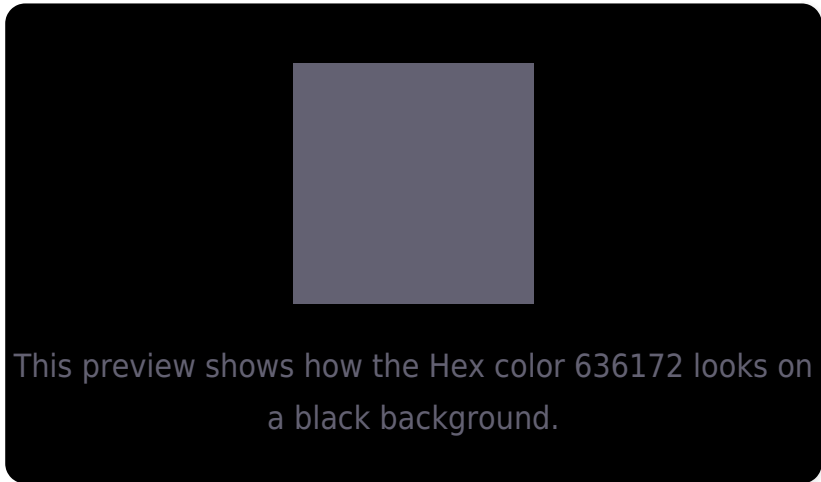
Large Text (above 18pt) WCAG AA ✓ Pass

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

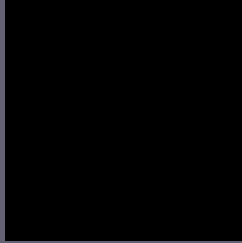
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 636172 Background



This preview shows how black text looks on a background with the Hex color 636172.



This preview shows how white text looks on a background with the Hex color 636172.

# 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**  
636172

**Protanopia**  
606273

**Deuteranopia**  
656072



**Tritanopia**  
62626A

# Trichromacy



**Original Color**  
636172

**Protanomaly**  
616273

**Deuteranomaly**  
646072

**Tritanomaly**  
62626D

# Monochromacy



**Original Color**  
636172

**Achromatopsia**  
646464

**Achromatomaly**  
646369

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 636172 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 #636172 looks like.

```
.text, #text, p{  
    color:#636172  
}
```

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 #636172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636172
}
```

## Border

The CSS property to change the border of an element to Hex 636172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

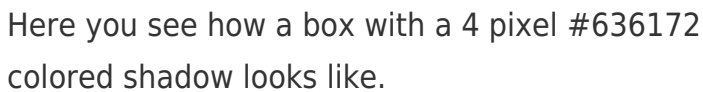
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#636172 }
```

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

```
.border{ border-color:#636172 }
```

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



Here you see how a box with a 4 pixel #636172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636172; -webkit-box-shadow:4px 4px  
4px 4px #636172; box-shadow:4px 4px 4px  
4px #636172 }
```

# Background

The CSS property to change the background color of an element to Hex 636172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636172 }
```

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

```
.background{ background-color:#636172 }
```

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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