

Converting Colors

Hex(636677)

Have a look what the booklet for
Hex(636677) contains.

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Color

Hex(636677)

Conversions

Conversions Part 1

Format	Color
Hex	636677
RGB	99, 102, 119
RGB Percent	39%, 40%, 47%
CMY	0.6118, 0.6000, 0.5333
CMYK	0.17, 0.14, 0.00, 0.53
HSL	231°, 9%, 43%
HSV	231°, 17%, 47%
XYZ	13.2267, 13.4873, 19.3589
YIQ	103.0410, -7.2450, 4.6510

Conversions

Conversions Part 2

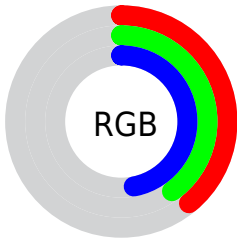
Format	Color
R_{YB}	99, 102, 119
Decimal	6514295
CIE _{Lab}	43.49, 2.69, -9.90
CIE _{LCh}	43, 10.254, 285.200
Yxy	13.4873, 0.2871, 0.2927
Android (android.graphics.Color)	4284704375 (0xFF636677)
YUV	103.0410, 7.8678, -3.5440
Hunter-Lab	36.7251, 0.0189, -5.5461

Details

The Hex color **636677** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **777463**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9699AB**, and **343747** is the 20% darker color. If you saturate the color by 10%, you get **575C77**, and if you desaturate by 10%, it is **6F7077**.

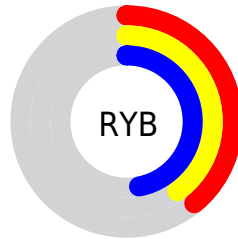
Distribution



Red (39%)

Green (40%)

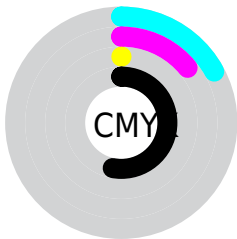
Blue (47%)



Red (39%)

Yellow (40%)

Blue (47%)

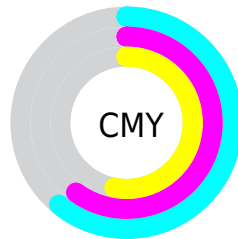


Cyan (17%)

Magenta (14%)

Yellow (0%)

Black (53%)



Cyan (61%)

Magenta (60%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 636677 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 636677 by changing the saturation by 10% instead.

■ 636677

■ 636677

FFFFFF

■ 4B4E5E

■ 9699AB

■ 343747

■ B1B4C6

■ 1F2230

■ CCCFE3

■ 080C1C

■ E8EBFF

■ 000000

■ 636677

■ 636677

■ 575C77

■ 6F7077

■ 4B5277

■ 7B7A77

■ 3F4877

■ 878477

■ 333E77

■ 938E77

■ 283377

■ 9F9977

■ 1C2977

■ AAA377

■ 101F77

■ B6AD77

■ 041577

■ C2B777

■ 001277

■ CEC177

Harmonies

Analogous

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



596977



636677



6E6373

Triad

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



636677



77625B



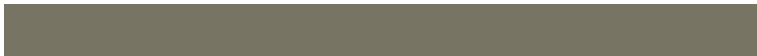
566B62

Complementary

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



636677



777463

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.



5F6A5B



636677



726557

Square

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



636677



796163



696856



516C6B

Rectangle

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



636677



73626E



696856



596B5F

Sweetspot

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



636677



94959C



637774



4A4B4F



CFCFCF



4F4F4F

Same Dimension

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



636677



7C819C



6A6377



35363B



00127A



0025FA

Inverse Universe

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



776366



9C7C81



707763



3B3536



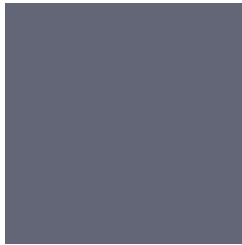
7A0012



FA0025

Previews

White Background



This preview shows how the Hex color 636677 looks on a white background.

Color Contrast Check

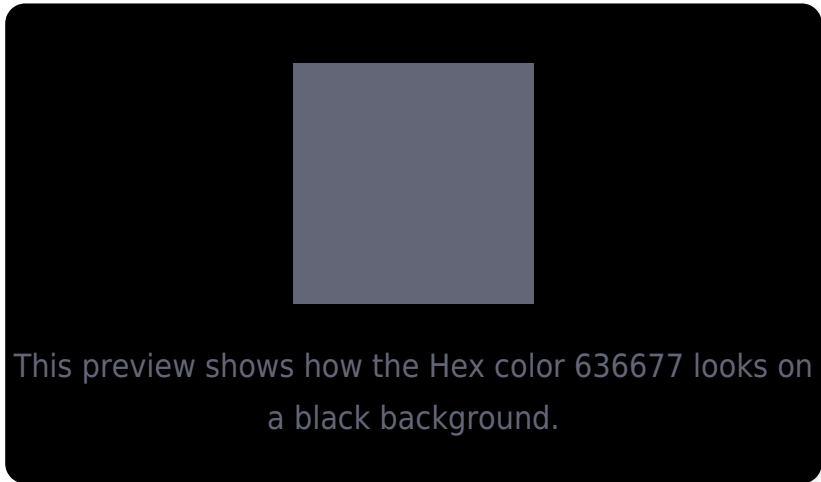
Large Text (above 18pt) WCAG AA ✓ Pass

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

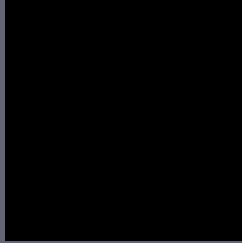
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

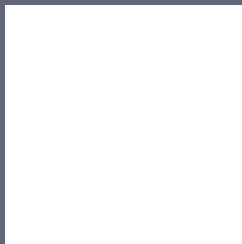
Any Text WCAG AAA × Fail

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

Hex 636677 Background



This preview shows how black text looks on a background with the Hex color 636677.



This preview shows how white text looks on a background with the Hex color 636677.

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
636677

Protanopia
646677

Deuteranopia
696477



Tritanopia
62676F

Trichromacy



Original Color
636677

Protanomaly
646677

Deuteranomaly
676577

Tritanomaly
626772

Monochromacy



Original Color
636677

Achromatopsia
676767

Achromatomaly
66676D

CSS Examples

Text

The CSS property to change the color of the text to Hex 636677 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 #636677 looks like.

```
.text, #text, p{  
    color:#636677  
}
```

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 #636677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636677
}
```

Border

The CSS property to change the border of an element to Hex 636677 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
#636677 }
```

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

```
.border{ border-color:#636677 }
```

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

Here you see how a box with a 4 pixel #636677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636677; -webkit-box-shadow:4px 4px  
4px 4px #636677; box-shadow:4px 4px 4px  
4px #636677 }
```

Background

The CSS property to change the background color of an element to Hex 636677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636677 }
```

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

```
.background{ background-color:#636677 }
```

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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