

Converting Colors

Hex(636D83)

Have a look what the booklet for
Hex(636D83) contains.

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Color

Hex(636D83)

Conversions

Conversions Part 1

Format	Color
Hex	636D83
RGB	99, 109, 131
RGB Percent	39%, 43%, 51%
CMY	0.6118, 0.5725, 0.4863
CMYK	0.24, 0.17, 0.00, 0.49
HSL	221°, 14%, 45%
HSV	221°, 24%, 51%
XYZ	14.7110, 15.2286, 23.6368
YIQ	108.5180, -13.0220, 4.7220

Conversions

Conversions Part 2

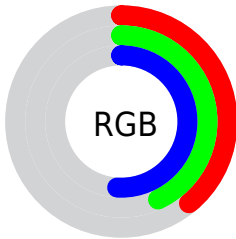
Format	Color
R_{YB}	99, 107, 131
Decimal	6516099
CIE Lab	45.95, 1.45, -13.40
CIE LCh	46, 13.475, 276.165
Yxy	15.2286, 0.2746, 0.2842
Android (android.graphics.Color)	4284706179 (0xFF636D83)
YUV	108.5180, 11.0836, -8.3473
Hunter-Lab	39.0239, -1.0020, -8.5953

Details

The Hex color **636D83** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **837963**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **96A0B8**, and **343E52** is the 20% darker color. If you saturate the color by 10%, you get **566483**, and if you desaturate by 10%, it is **707683**.

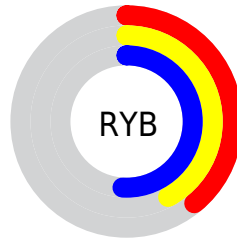
Distribution



Red (39%)

Green (43%)

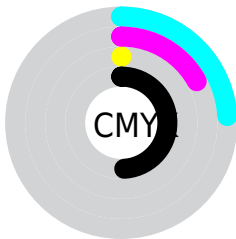
Blue (51%)



Red (39%)

Yellow (42%)

Blue (51%)

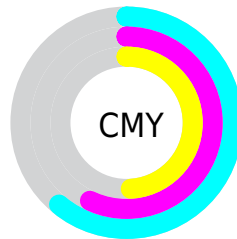


Cyan (24%)

Magenta (17%)

Yellow (0%)

Black (49%)



Cyan (61%)

Magenta (57%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 636D83 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 636D83 by changing the saturation by 10% instead.

■ 636D83

■ 636D83

FFFFFF

■ 4B556A

■ 96A0B8

■ 343E52

■ B1BBD4

■ 1D283B

■ CDD7F0

■ 071325

■ E9F3FF

■ 00010F

■ 000000

■ 636D83

■ 636D83

■ 566483

■ 707683

■ 495B83

■ 7D7F83

■ 3C5283

■ 8A8883

■ 2F4983

■ 979183

■ 224083

■ A49A83

■ 143783

■ B2A383

■ 072E83

■ BFAC83

■ 002983

■ CCB583

■ D9BE83

Harmonies

Analogous

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



567081



636D83



72697F

Triad

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



636D83



846660



5A7263

Complementary

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



636D83



837963

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.



67705A



636D83



7E6959

Square

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



636D83



84656B



736D56



51736F

Rectangle

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



636D83



7A677A



736D56



5E7260

Sweetspot

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



636D83



9FA3AB



638379



505257



D6D6D6



575757

Same Dimension

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



636D83



7989AB



696383



3C3E42



002982



000103

Inverse Universe

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



83636D



AB7989



7D8363



423C3E



820029



030001

Previews

White Background



This preview shows how the Hex color 636D83 looks on a white background.

Color Contrast Check

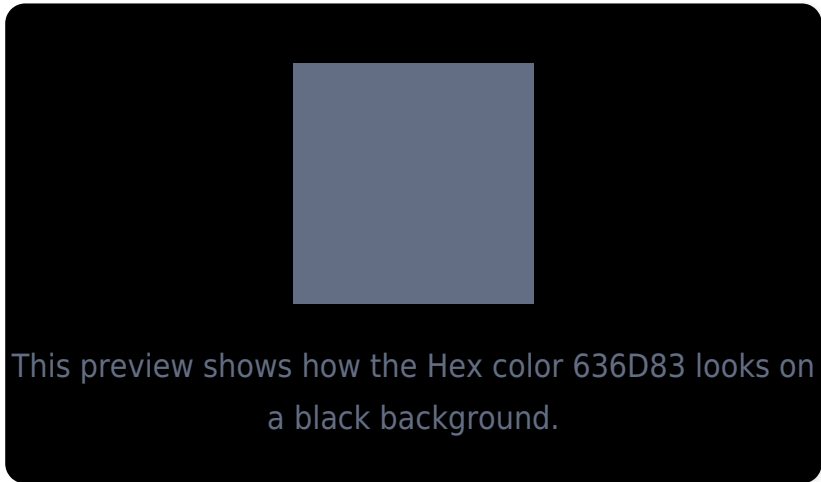
Large Text (above 18pt) WCAG AA ✓ Pass

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

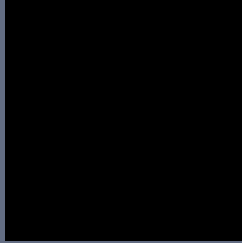
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

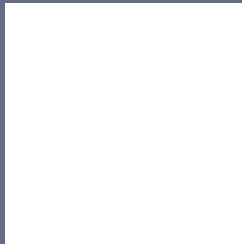
Any Text WCAG AAA × Fail

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

Hex 636D83 Background



This preview shows how black text looks on a background with the Hex color 636D83.

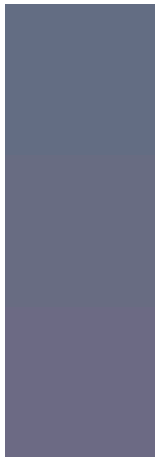


This preview shows how white text looks on a background with the Hex color 636D83.

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
636D83

Protanopia
686C82

Deuteranopia
6C6A84



Tritanopia
616F78

Trichromacy



Original Color
636D83

Protanomaly
666C82

Deuteranomaly
696B84

Tritanomaly
626E7C

Monochromacy



Original Color
636D83

Achromatopsia
6D6D6D

Achromatomaly
696D75

CSS Examples

Text

The CSS property to change the color of the text to Hex 636D83 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 #636D83 looks like.

```
.text, #text, p{  
    color:#636D83  
}
```

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 #636D83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636D83
}
```

Border

The CSS property to change the border of an element to Hex 636D83 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
#636D83 }
```

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

```
.border{ border-color:#636D83 }
```

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

Here you see how a box with a 4 pixel #636D83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636D83; -webkit-box-shadow:4px 4px  
4px 4px #636D83; box-shadow:4px 4px 4px  
4px #636D83 }
```

Background

The CSS property to change the background color of an element to Hex 636D83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636D83 }
```

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

```
.background{ background-color:#636D83 }
```

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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