

Converting Colors

Hex(436368)

Have a look what the booklet for
Hex(436368) contains.

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Color

Hex(436368)

Conversions

Conversions Part 1

Format	Color
Hex	436368
RGB	67, 99, 104
RGB Percent	26%, 39%, 41%
CMY	0.7373, 0.6118, 0.5922
CMYK	0.36, 0.05, 0.00, 0.59
HSL	188°, 22%, 34%
HSV	188°, 36%, 41%
XYZ	9.2753, 11.1164, 14.7535
YIQ	90.0020, -20.6770, -5.2290

Conversions

Conversions Part 2

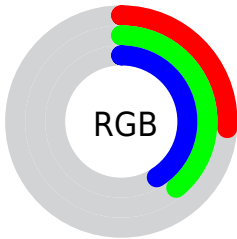
Format	Color
RYB	67, 84, 104
Decimal	4416360
CIELab	39.78, -10.22, -6.56
CIElCh	40, 12.141, 212.702
Yxy	11.1164, 0.2639, 0.3163
Android (android.graphics.Color)	4282606440 (0xFF436368)
YUV	90.0020, 6.9010, -20.1728
Hunter-Lab	33.3413, -8.6902, -2.8969

Details

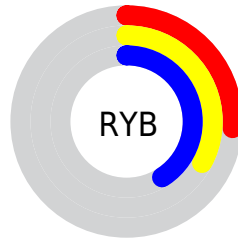
The Hex color **436368** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **684843**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **75969B**, and **143439** is the 20% darker color. If you saturate the color by 10%, you get **396268**, and if you desaturate by 10%, it is **4D6468**.

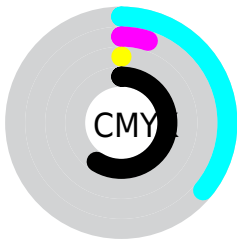
Distribution



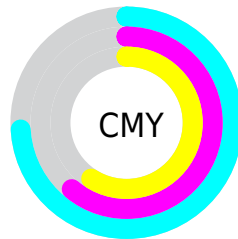
- Red (26%)
- Green (39%)
- Blue (41%)



- Red (26%)
- Yellow (33%)
- Blue (41%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (59%)



- Cyan (74%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 436368 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 436368 by changing the saturation by 10% instead.

■ 436368

■ 436368

FFFFFF

■ 2B4B50

■ 75969B

■ 143439

■ 8FB1B6

■ 001F24

■ AACCD1

■ 00010E

■ C5E8EE

■ 000000

■ E1FFFF

FEFFFF

■ 436368

■ 436368

■ 396268

■ 4D6468

■ 2E6068

■ 586668

■ 245F68

■ 626768

■ 195D68

■ 6D6968

■ 0F5C68

■ 776A68

■ 055B68

■ 816B68

■ 005A68

■ 8C6D68

■ 966E68

■ A17068

Harmonies

Analogous

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



46635E



436368



48616F

Triad

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



436368



6B5867



655D4A

Complementary

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



436368



684843

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.



6D5A4C



436368



72575D

Square

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



436368



615B6E



725853



5A604D

Rectangle

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



436368



4F5F71



725853



685C4A

Sweetspot

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



436368



788587



436848



3C4445



C4C4C4



454545

Same Dimension

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



436368



4D7F87



435168



2E3233



006373



00D2F2

Inverse Universe

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



684363



874D7F



685A43



332E32



730063



F200D2

Previews

White Background



This preview shows how the Hex color 436368 looks on a white background.

Color Contrast Check

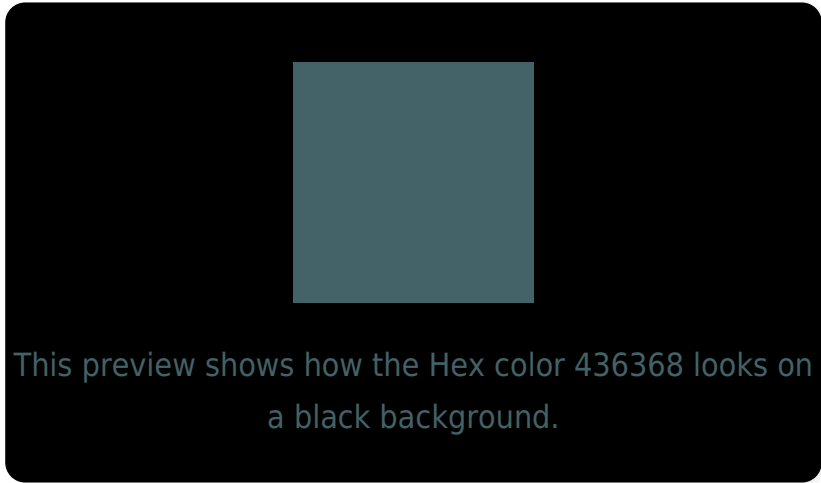
Large Text (above 18pt) WCAG AA ✓ Pass

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

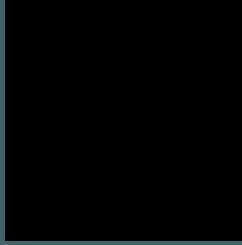
Any Text WCAG AA × Fail

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 436368 Background



This preview shows how black text looks on a background with the Hex color 436368.



This preview shows how white text looks on a background with the Hex color 436368.

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
436368

Protanopia
5D5D64

Deuteranopia
615B6A



Tritanopia
44636B

Trichromacy



Original Color
436368

Protanomaly
545F65

Deuteranomaly
565E69

Tritanomaly
44636A

Monochromacy



Original Color
436368

Achromatopsia
5A5A5A

Achromatomaly
525D5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 436368 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 #436368 looks like.

```
.text, #text, p{  
    color:#436368  
}
```

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 #436368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #436368
}
```

Border

The CSS property to change the border of an element to Hex 436368 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
#436368 }
```

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

```
.border{ border-color:#436368 }
```

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

Here you see how a box with a 4 pixel #436368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #436368; -webkit-box-shadow:4px 4px  
4px 4px #436368; box-shadow:4px 4px 4px  
4px #436368 }
```

Background

The CSS property to change the background color of an element to Hex 436368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#436368 }
```

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

```
.background{ background-color:#436368 }
```

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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