

Converting Colors

Hex(436575)

Have a look what the booklet for
Hex(436575) contains.

Hex(436575)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(436575)

Conversions

Conversions Part 1

Format	Color
Hex	436575
RGB	67, 101, 117
RGB Percent	26%, 40%, 46%
CMY	0.7373, 0.6039, 0.5412
CMYK	0.43, 0.14, 0.00, 0.54
HSL	199°, 27%, 36%
HSV	199°, 43%, 46%
XYZ	10.1793, 11.7850, 18.5678
YIQ	92.6580, -25.4000, -2.2320

Conversions

Conversions Part 2

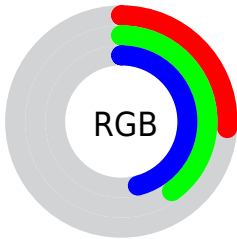
Format	Color
R_{YB}	67, 87, 117
Decimal	4416885
CIE _{Lab}	40.87, -7.69, -12.85
CIE _{LCh}	41, 14.980, 239.092
Yxy	11.7850, 0.2511, 0.2908
Android (android.graphics.Color)	4282606965 (0xFF436575)
YUV	92.6580, 12.0006, -22.5021
Hunter-Lab	34.3293, -7.1475, -8.0380

Details

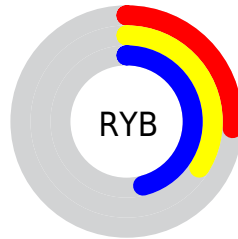
The Hex color **436575** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **755343**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7598A9**, and **113645** is the 20% darker color. If you saturate the color by 10%, you get **376175**, and if you desaturate by 10%, it is **4F6975**.

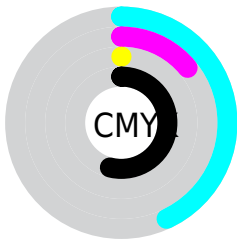
Distribution



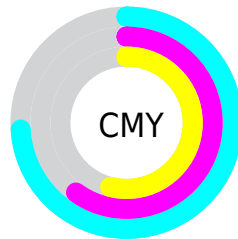
- Red (26%)
- Green (40%)
- Blue (46%)



- Red (26%)
- Yellow (34%)
- Blue (46%)



- Cyan (43%)
- Magenta (14%)
- Yellow (0%)
- Black (54%)



- Cyan (74%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 436575 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 436575 by changing the saturation by 10% instead.

■ 436575

■ 436575

FFFFFF

■ 2B4D5C

■ 7598A9

■ 113645

■ 90B3C4

■ 00212E

■ ABCEE0

■ 00071A

■ C7EAFD

■ 000000

■ E3FFFF

■ 436575

■ 436575

■ 376175

■ 4F6975

■ 2C5E75

■ 5A6C75

■ 205A75

■ 667075

■ 145675

■ 727475

■ 095275

■ 7E7875

■ 005075

■ 897B75

■ 957F75

■ A18375

■ AC8775

Harmonies

Analogous

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



3D676C



436575



516279

Triad

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



436575



785861



5D634B

Complementary

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



436575



755343

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.



6A5F48



436575



795855

Square

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



436575



705A6D



745B4C



4F6653

Rectangle

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



436575



5C5F77



745B4C



616249

Sweetspot

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



436575



859399



437553



40494D



CCCCCC



4D4D4D

Same Dimension

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



436575



4B8099



434C75



35393B



00537A



00AAFA

Inverse Universe

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



754365



994B80



756C43



3B3539



7A0053



FA00AA

Previews

White Background



This preview shows how the Hex color 436575 looks on a white background.

Color Contrast Check

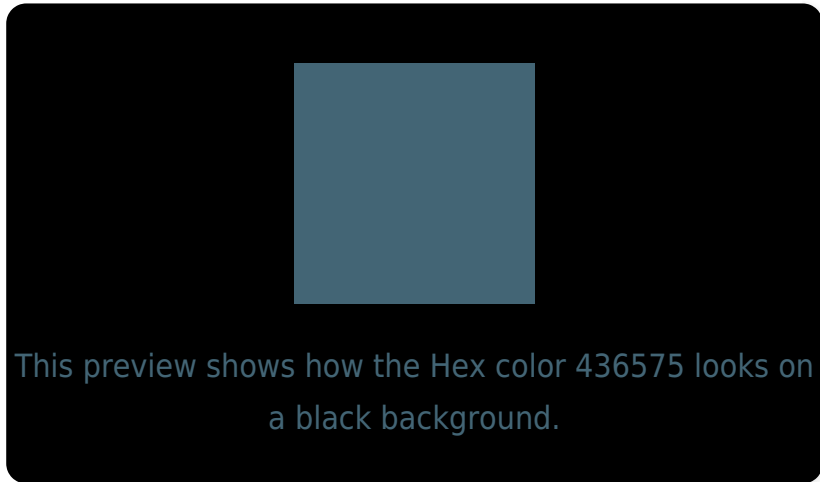
Large Text (above 18pt) WCAG AA ✓ Pass

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

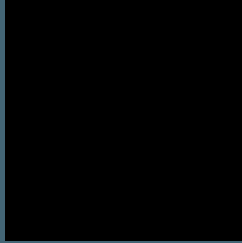
Any Text WCAG AA × Fail

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 436575 Background



This preview shows how black text looks on a background with the Hex color 436575.



This preview shows how white text looks on a background with the Hex color 436575.

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
436575

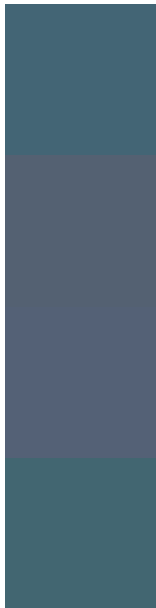
Protanopia
5D5F71

Deuteranopia
5E5E76



Tritanopia
41666E

Trichromacy



Original Color
436575

Protanomaly
546172

Deuteranomaly
546176

Tritanomaly
426671

Monochromacy



Original Color
436575

Achromatopsia
5D5D5D

Achromatomaly
546066

CSS Examples

Text

The CSS property to change the color of the text to Hex 436575 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 #436575 looks like.

```
.text, #text, p{  
    color:#436575  
}
```

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 #436575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #436575
}
```

Border

The CSS property to change the border of an element to Hex 436575 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
#436575 }
```

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

```
.border{ border-color:#436575 }
```

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

Here you see how a box with a 4 pixel #436575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #436575; -webkit-box-shadow:4px 4px  
4px 4px #436575; box-shadow:4px 4px 4px  
4px #436575 }
```

Background

The CSS property to change the background color of an element to Hex 436575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#436575 }
```

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

```
.background{ background-color:#436575 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor