

Converting Colors

Hex(436C86)

Have a look what the booklet for
Hex(436C86) contains.

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Color

Hex(436C86)

Conversions

Conversions Part 1

Format	Color
Hex	436C86
RGB	67, 108, 134
RGB Percent	26%, 42%, 53%
CMY	0.7373, 0.5765, 0.4745
CMYK	0.50, 0.19, 0.00, 0.47
HSL	203°, 33%, 39%
HSV	203°, 50%, 53%
XYZ	11.9804, 13.6396, 24.5555
YIQ	98.7050, -32.7820, -0.6060

Conversions

Conversions Part 2

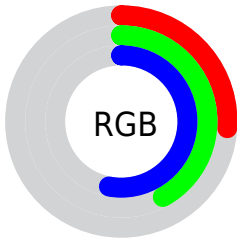
Format	Color
RYB	67, 92, 134
Decimal	4418694
CIELab	43.71, -6.68, -18.79
CIElCh	44, 19.940, 250.421
Yxy	13.6396, 0.2388, 0.2718
Android (android.graphics.Color)	4282608774 (0xFF436C86)
YUV	98.7050, 17.4004, -27.8053
Hunter-Lab	36.9319, -6.7270, -13.5688

Details

The Hex color **436C86** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **865D43**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **779FBB**, and **0A3D54** is the 20% darker color. If you saturate the color by 10%, you get **366786**, and if you desaturate by 10%, it is **507186**.

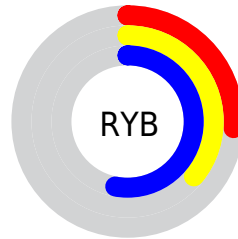
Distribution



Red (26%)

Green (42%)

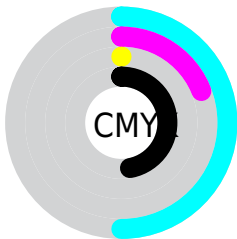
Blue (53%)



Red (26%)

Yellow (36%)

Blue (53%)

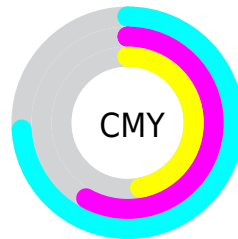


Cyan (50%)

Magenta (19%)

Yellow (0%)

Black (47%)



Cyan (74%)

Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 436C86 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 436C86 by changing the saturation by 10% instead.

■ 436C86

■ 436C86

FFFFFF

■ 29546D

■ 779FBB

■ 0A3D54

■ 92BAD7

■ 00273D

■ ADD6F3

■ 001327

■ C9F2FF

■ 000112

■ E6FFFF

■ 000000

■ 436C86

■ 436C86

■ 366786

■ 507186

■ 286286

■ 5E7686

■ 1B5C86

■ 6B7C86

■ 0D5786

■ 798186

■ 005286

■ 868686

■ 938B86

■ A19086

■ AE9686

■ BC9B86

Harmonies

Analogous

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



346F7C



436C86



5A6788

Triad

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



436C86



885B62



5B6D4E

Complementary

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



436C86



865D43

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.



6D6847



436C86



865E53

Square

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



436C86



815C73



7D6349



48705C

Rectangle

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



436C86



6A6384



7D6349



616B4A

Sweetspot

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



436C86



93A3AD



43865D



475157



D6D6D6



575757

Same Dimension

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



436C86



4585AD



434B86



3C4042



005082



000203

Inverse Universe

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



86436C



AD4585



867E43



423C40



820050



030002

Previews

White Background



This preview shows how the Hex color 436C86 looks on a white background.

Color Contrast Check

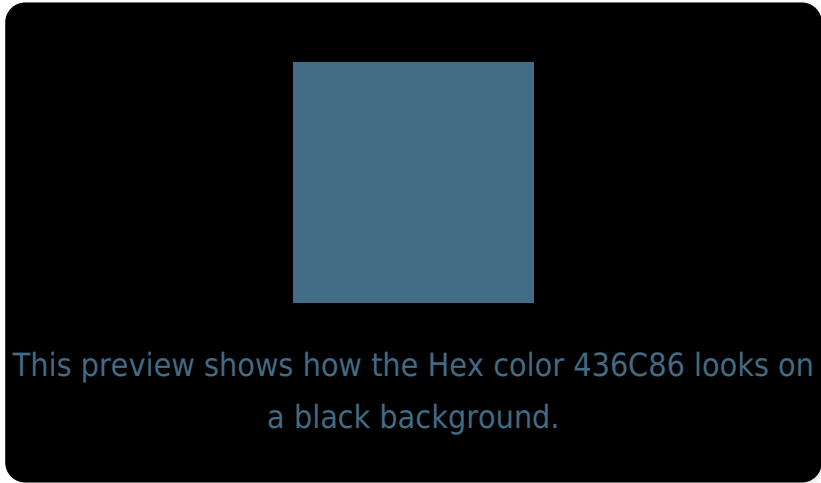
Large Text (above 18pt) WCAG AA ✓ Pass

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

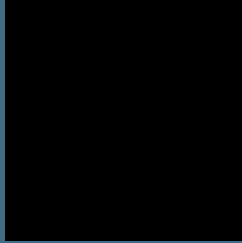
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

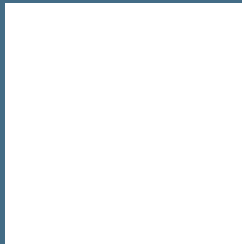
Any Text WCAG AAA × Fail

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

Hex 436C86 Background



This preview shows how black text looks on a background with the Hex color 436C86.

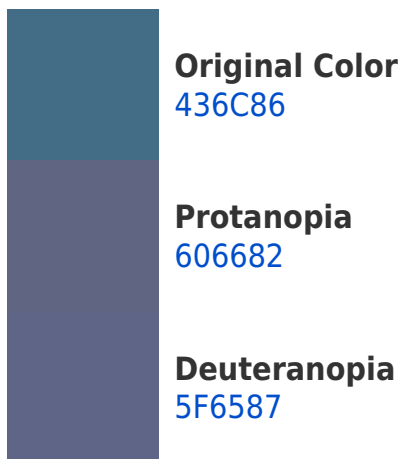


This preview shows how white text looks on a background with the Hex color 436C86.

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](#).

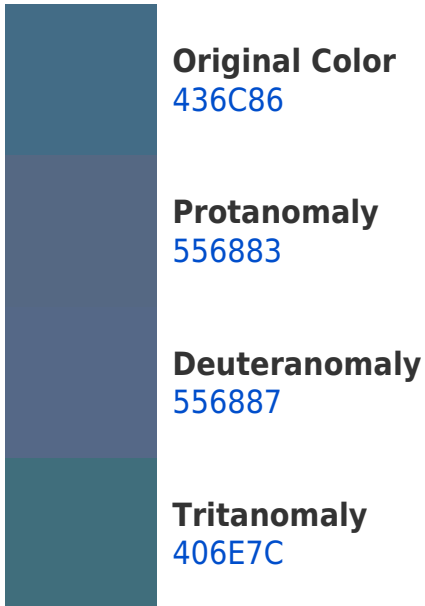
Dichromacy





Tritanopia
3E6F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 436C86 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 #436C86 looks like.

```
.text, #text, p{  
    color:#436C86  
}
```

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 #436C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #436C86
}
```

Border

The CSS property to change the border of an element to Hex 436C86 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
#436C86 }
```

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

```
.border{ border-color:#436C86 }
```

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

Here you see how a box with a 4 pixel #436C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #436C86; -webkit-box-shadow:4px 4px  
4px 4px #436C86; box-shadow:4px 4px 4px  
4px #436C86 }
```

Background

The CSS property to change the background color of an element to Hex 436C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#436C86 }
```

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

```
.background{ background-color:#436C86 }
```

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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