

Converting Colors

Hex(436096)

Have a look what the booklet for
Hex(436096) contains.

Hex(436096)	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(436096)

Conversions

Conversions Part 1

Format	Color
Hex	436096
RGB	67, 96, 150
RGB Percent	26%, 38%, 59%
CMY	0.7373, 0.6235, 0.4118
CMYK	0.55, 0.36, 0.00, 0.41
HSL	219°, 38%, 43%
HSV	219°, 55%, 59%
XYZ	12.0026, 11.7610, 30.4917
YIQ	93.4850, -34.6180, 10.6460

Conversions

Conversions Part 2

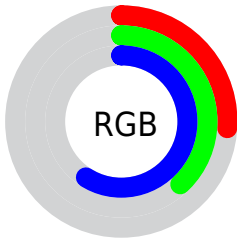
Format	Color
R_{YB}	67, 88, 150
Decimal	4415638
CIE _{Lab}	40.83, 5.88, -32.86
CIE _{LCh}	41, 33.381, 280.142
Yxy	11.7610, 0.2212, 0.2168
Android (android.graphics.Color)	4282605718 (0xFF436096)
YUV	93.4850, 27.8619, -23.2273
Hunter-Lab	34.2944, 2.4578, -28.7096

Details

The Hex color **436096** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **967943**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7992CC**, and **003263** is the 20% darker color. If you saturate the color by 10%, you get **345696**, and if you desaturate by 10%, it is **526A96**.

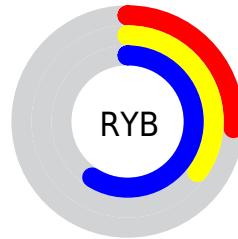
Distribution



Red (26%)

Green (38%)

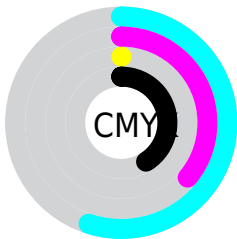
Blue (59%)



Red (26%)

Yellow (35%)

Blue (59%)

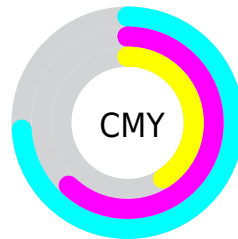


Cyan (55%)

Magenta (36%)

Yellow (0%)

Black (41%)



Cyan (74%)

Magenta (62%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 436096 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 436096 by changing the saturation by 10% instead.

■ 436096

■ 436096

FFFFFF

■ 27487C

■ 7992CC

■ 003263

■ 94ADE9

■ 001E4B

■ B0C8FF

■ 000334

■ CCE4FF

■ 00021E

■ E9FFFF

■ 000000

■ 436096

■ 436096

■ 345696

■ 526A96

■ 254C96

■ 617496

■ 164396

■ 707D96

■ 073996

■ 7F8796

■ 003496

■ 8E9196

■ 9D9B96

■ ACA496

■ BBAE96

■ CAB896

Harmonies

Analogous

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



006893



436096



6F558A

Triad

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



436096



8F4F3E



216D4D

Complementary

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



436096



967943

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.



4A6935



436096



80582C

Square

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



436096



944958



686228



006E69

Rectangle

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



436096



824F7C



686228



316C44

Sweetspot

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



436096



A1ACC2



439679



4E5461



E0E0E0



616161

Same Dimension

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



436096



426FC2



4F4396



43454A



00308A



00040A

Inverse Universe

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



964360



C2426F



8A9643



4A4345



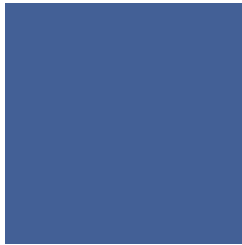
8A0030



0A0004

Previews

White Background



This preview shows how the Hex color 436096 looks on a white background.

Color Contrast Check

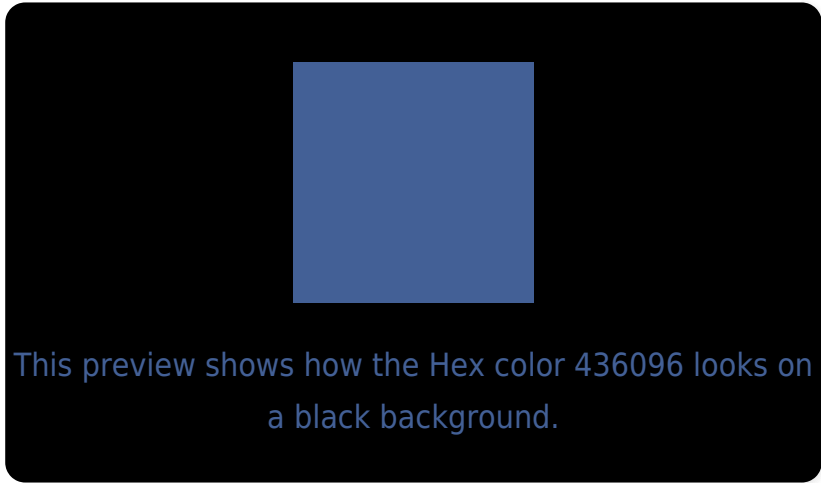
Large Text (above 18pt) WCAG AA ✓ Pass

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

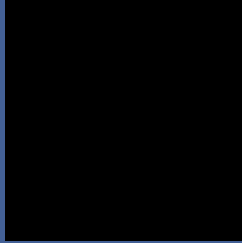
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

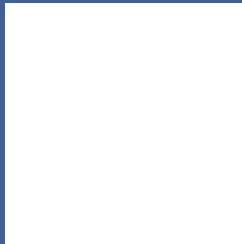
Any Text WCAG AAA × Fail

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

Hex 436096 Background



This preview shows how black text looks on a background with the Hex color 436096.



This preview shows how white text looks on a background with the Hex color 436096.

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
436096

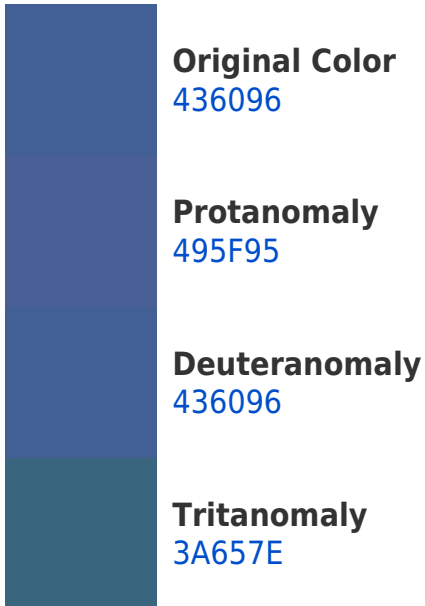
Protanopia
4C5E94

Deuteranopia
436096

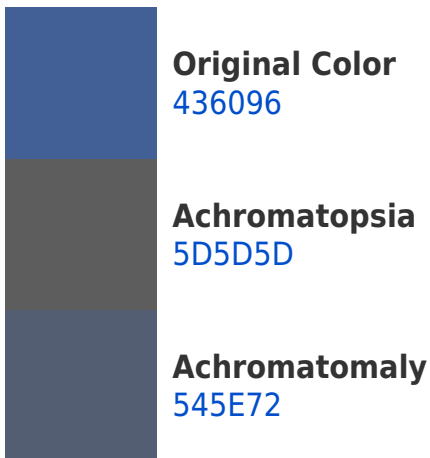


Tritanopia
356870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 436096 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 #436096 looks like.

```
.text, #text, p{  
    color:#436096  
}
```

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 #436096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #436096
}
```

Border

The CSS property to change the border of an element to Hex 436096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

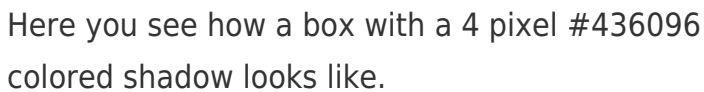
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#436096 }
```

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

```
.border{ border-color:#436096 }
```

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



Here you see how a box with a 4 pixel #436096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #436096; -webkit-box-shadow:4px 4px  
4px 4px #436096; box-shadow:4px 4px 4px  
4px #436096 }
```

Background

The CSS property to change the background color of an element to Hex 436096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#436096 }
```

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

```
.background{ background-color:#436096 }
```

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