

Converting Colors

Hex(436464)

Have a look what the booklet for
Hex(436464) contains.

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Color

Hex(436464)

Conversions

Conversions Part 1

Format	Color
Hex	436464
RGB	67, 100, 100
RGB Percent	26%, 39%, 39%
CMY	0.7373, 0.6078, 0.6078
CMYK	0.33, 0.00, 0.00, 0.61
HSL	180°, 20%, 33%
HSV	180°, 33%, 39%
XYZ	9.1722, 11.2277, 13.7403
YIQ	90.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

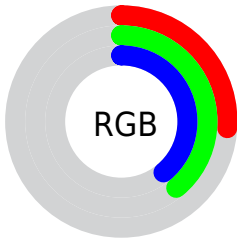
Format	Color
RYB	67, 84, 100
Decimal	4416612
CIELab	39.96, -11.87, -3.83
CIELCh	40, 12.475, 197.889
Yxy	11.2277, 0.2687, 0.3289
Android (android.graphics.Color)	4282606692 (0xFF436464)
YUV	90.1330, 4.8644, -20.2876
Hunter-Lab	33.5078, -9.7775, -0.8572

Details

The Hex color **436464** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **644343**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **759797**, and **143535** is the 20% darker color. If you saturate the color by 10%, you get **396464**, and if you desaturate by 10%, it is **4D6464**.

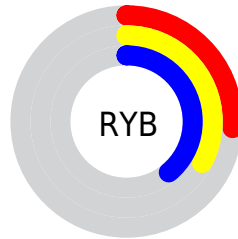
Distribution



Red (26%)

Green (39%)

Blue (39%)



Red (26%)

Yellow (33%)

Blue (39%)

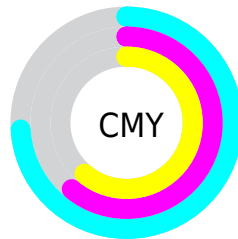


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (61%)



Cyan (74%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 436464 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 436464 by changing the saturation by 10% instead.



436464



436464

FFFFFF



2B4C4C



759797



143535



8FB2B1



002020



A9CDCD



000009



C5E9E9



000000



E1FFFF

FEFFFF



436464



436464



396464



4D6464

■ 2F6464

■ 576464

■ 256464

■ 616464

■ 1B6464

■ 6B6464

■ 116464

■ 756464

■ 076464

■ 7F6464

■ 006464

■ 896464

■ 936464

■ 9D6464

Harmonies

Analogous

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



49645A



436464



44636D

Triad

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



436464



675A6C



6A5C4A

Complementary

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



436464



644343

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.



71594F



436464



705763

Square

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



436464



5B5D71



735758



605F4B

Rectangle

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



436464



4A6171



735758



6D5B4C

Sweetspot

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



436464



758282



436443



3A4242



C2C2C2



424242

Same Dimension

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



436464



4E8282



435464



2E3333



007373



00F2F2

Inverse Universe

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



644364



824E82



645443



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 436464 looks on a white background.

Color Contrast Check

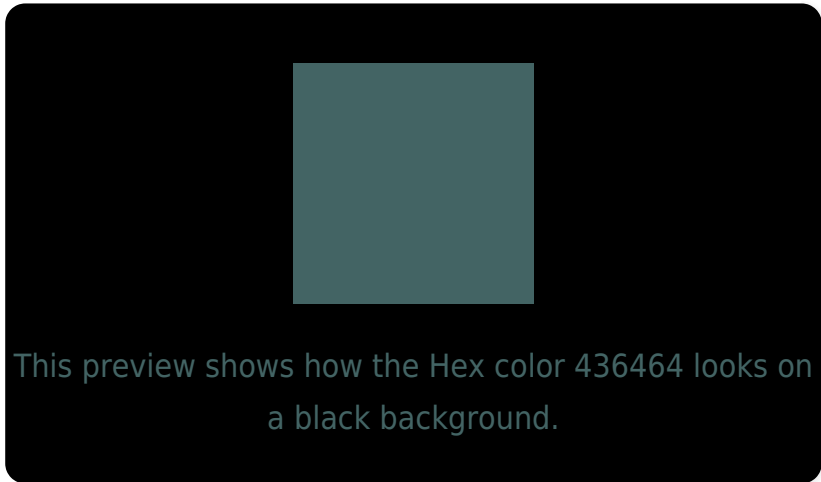
Large Text (above 18pt) WCAG AA ✓ Pass

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

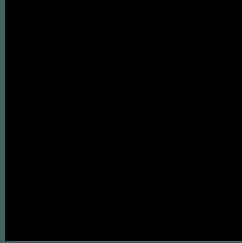
Any Text WCAG AA × Fail

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 436464 Background



This preview shows how black text looks on a background with the Hex color 436464.

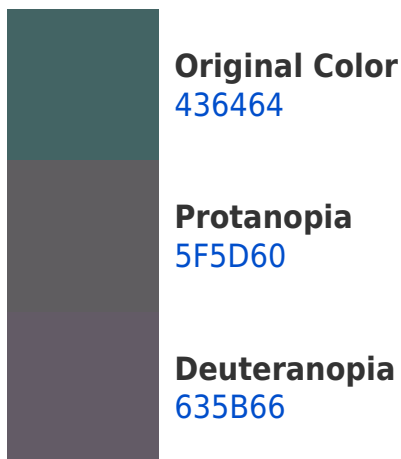


This preview shows how white text looks on a background with the Hex color 436464.

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](#).

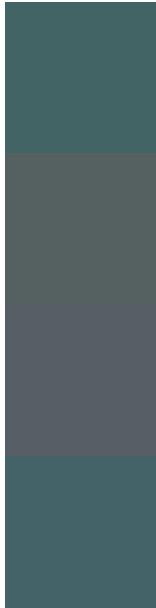
Dichromacy





Tritanopia
45636B

Trichromacy



Original Color

436464

Protanomaly

556061

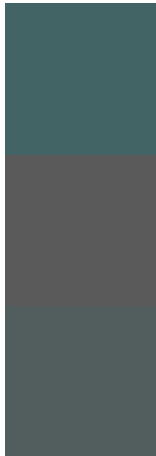
Deuteranomaly

575E65

Tritanomaly

446368

Monochromacy



Original Color

436464

Achromatopsia

5A5A5A

Achromatomaly

525E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 436464 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 #436464 looks like.

```
.text, #text, p{  
    color:#436464  
}
```

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 #436464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #436464
}
```

Border

The CSS property to change the border of an element to Hex 436464 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
#436464 }
```

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

```
.border{ border-color:#436464 }
```

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

Here you see how a box with a 4 pixel #436464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #436464; -webkit-box-shadow:4px 4px  
4px 4px #436464; box-shadow:4px 4px 4px  
4px #436464 }
```

Background

The CSS property to change the background color of an element to Hex 436464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#436464 }
```

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

```
.background{ background-color:#436464 }
```

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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