

Converting Colors

Hex(436044)

Have a look what the booklet for
Hex(436044) contains.

Hex(436044)	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(436044)

Conversions

Conversions Part 1

Format	Color
Hex	436044
RGB	67, 96, 68
RGB Percent	26%, 38%, 27%
CMY	0.7373, 0.6235, 0.7333
CMYK	0.30, 0.00, 0.29, 0.62
HSL	122°, 18%, 32%
HSV	122°, 30%, 38%
XYZ	7.5410, 9.9764, 6.9970
YIQ	84.1370, -8.2960, -14.8560

Conversions

Conversions Part 2

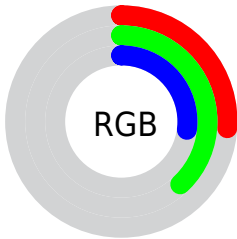
Format	Color
RYB	67, 95, 96
Decimal	4415556
CIELab	37.80, -17.05, 12.65
CIELCh	38, 21.228, 143.424
Yxy	9.9764, 0.3076, 0.4070
Android (android.graphics.Color)	4282605636 (0xFF436044)
YUV	84.1370, -7.9555, -15.0291
Hunter-Lab	31.5854, -12.6577, 8.9755

Details

The Hex color **436044** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **60435F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **749374**, and **163119** is the 20% darker color. If you saturate the color by 10%, you get **39603B**, and if you desaturate by 10%, it is **4D604D**.

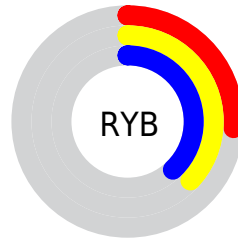
Distribution



Red (26%)

Green (38%)

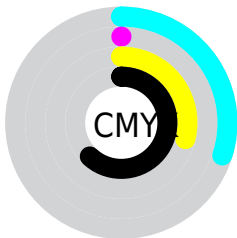
Blue (27%)



Red (26%)

Yellow (37%)

Blue (38%)

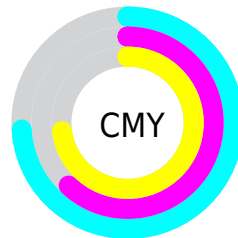


Cyan (30%)

Magenta (0%)

Yellow (29%)

Black (62%)



Cyan (74%)

Magenta (62%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 436044 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 436044 by changing the saturation by 10% instead.



436044



436044

FFFFFF



2C482E



749374



163119



8EAD8E



001D00



A8C9A8



000000



C4E5C4



E0FFE0



FDFFFC



436044



436044



39603B



4D604D

■ 306031

■ 566057

■ 266028

■ 606060

■ 1D601F

■ 696069

■ 136016

■ 736072

■ 09600C

■ 7D607C

■ 006003

■ 866085

■ 90608E

■ 996097

Harmonies

Analogous

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



575C39



436044



2E6254

Triad

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



436044



3B5C7B



7B4D4C

Complementary

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



436044



60435F

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.



784C5D



436044



565678

Square

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



436044



236074



6B506E



75513E

Rectangle

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



436044



226260



6B506E



7B4C52

Sweetspot

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



436044



727D72



5F6043



394039



BFBFBF



404040

Same Dimension

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



436044



507D52



436052



2C302C



007004



00F008

Inverse Universe

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



60435F



7D507B



604351



302C30



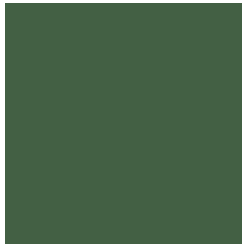
70006C



F000E7

Previews

White Background



This preview shows how the Hex color 436044 looks on a white background.

Color Contrast Check

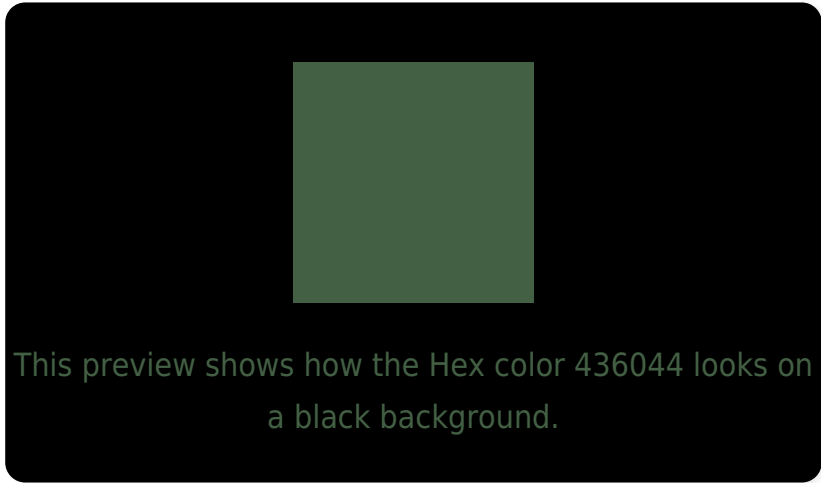
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

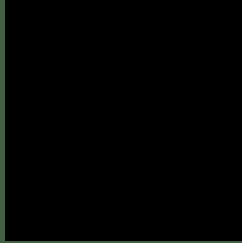
Any Text WCAG AA × Fail

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 436044 Background



This preview shows how black text looks on a background with the Hex color 436044.



This preview shows how white text looks on a background with the Hex color 436044.

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](#).

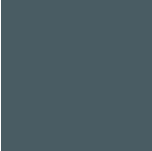
Dichromacy



Original Color
436044

Protanopia
5F5941

Deuteranopia
675546



Tritanopia
495C63

Trichromacy



Original Color
436044

Protanomaly
555C42

Deuteranomaly
5A5945

Tritanomaly
475D58

Monochromacy



Original Color
436044

Achromatopsia
545454

Achromatomaly
4E584E

CSS Examples

Text

The CSS property to change the color of the text to Hex 436044 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 #436044 looks like.

```
.text, #text, p{  
    color:#436044  
}
```

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 #436044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #436044
}
```

Border

The CSS property to change the border of an element to Hex 436044 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
#436044 }
```

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

```
.border{ border-color:#436044 }
```

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

Here you see how a box with a 4 pixel #436044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #436044; -webkit-box-shadow:4px 4px  
4px 4px #436044; box-shadow:4px 4px 4px  
4px #436044 }
```

Background

The CSS property to change the background color of an element to Hex 436044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#436044 }
```

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

```
.background{ background-color:#436044 }
```

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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