

Converting Colors

Hex(435B53)

Have a look what the booklet for
Hex(435B53) contains.

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Color

Hex(435B53)

Conversions

Conversions Part 1

Format	Color
Hex	435B53
RGB	67, 91, 83
RGB Percent	26%, 36%, 33%
CMY	0.7373, 0.6431, 0.6745
CMYK	0.26, 0.00, 0.09, 0.64
HSL	160°, 15%, 31%
HSV	160°, 26%, 36%
XYZ	7.6172, 9.3000, 9.5772
YIQ	82.9120, -11.7360, -7.5760

Conversions

Conversions Part 2

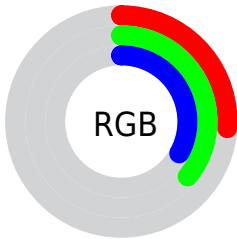
Format	Color
RYB	67, 81, 91
Decimal	4414291
CIELab	36.56, -10.96, 1.67
CIELCh	37, 11.089, 171.350
Yxy	9.3000, 0.2875, 0.3510
Android (android.graphics.Color)	4282604371 (0xFF435B53)
YUV	82.9120, 0.0434, -13.9548
Hunter-Lab	30.4959, -8.7827, 2.7271

Details

The Hex color **435B53** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B434B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **748D84**, and **172D26** is the 20% darker color. If you saturate the color by 10%, you get **3A5B50**, and if you desaturate by 10%, it is **4C5B56**.

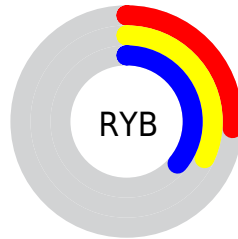
Distribution



Red (26%)

Green (36%)

Blue (33%)



Red (26%)

Yellow (32%)

Blue (36%)

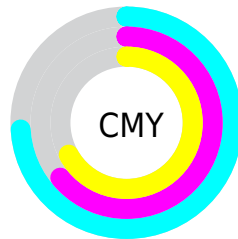


Cyan (26%)

Magenta (0%)

Yellow (9%)

Black (64%)



Cyan (74%)

Magenta (64%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 435B53 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 435B53 by changing the saturation by 10% instead.



435B53



435B53

FFFFFF



2C433C



748D84



172D26



8DA89E



001912



A8C3B9



000000



C3DFD5



DFFBF1



FCFFFF



435B53



435B53



3A5B50



4C5B56

■ 315B4D

■ 555B59

■ 285B4A

■ 5E5B5C

■ 1F5B47

■ 675B5F

■ 155B44

■ 715B62

■ 0C5B41

■ 7A5B65

■ 035B3E

■ 835B68

■ 005B3D

■ 8C5B6B

■ 955B6E

Harmonies

Analogous

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



4C5A4B



435B53



3E5B5C

Triad

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



435B53



545566



665248

Complementary

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



435B53



5B434B

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.



695050



435B53



5F5261

Square

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



435B53



495867



665059



5F5545

Rectangle

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



435B53



3F5A61



665059



68514B

Sweetspot

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



435B53



6C7572



4B5B43



353B39



BABABA



3B3B3B

Same Dimension

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



435B53



507569



43575B



292E2C



006E49



00ED9E

Inverse Universe

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



5B434B



75505C



5B4743



2E292B



6E0025



ED004F

Previews

White Background



This preview shows how the Hex color 435B53 looks on a white background.

Color Contrast Check

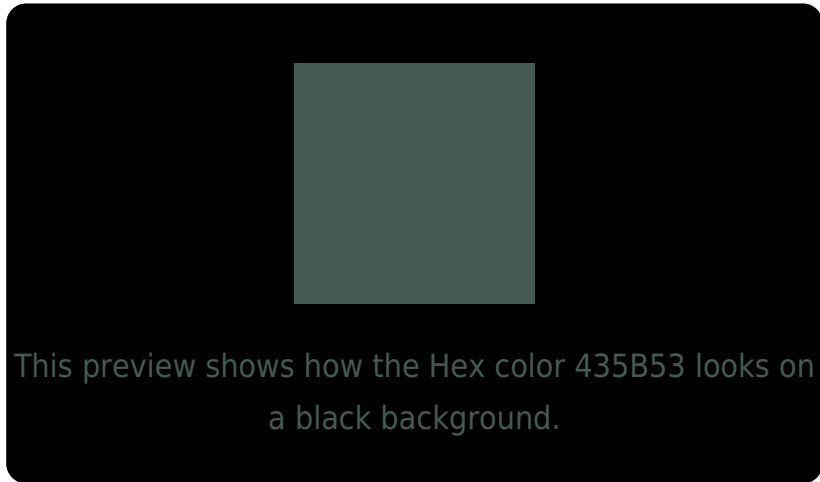
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

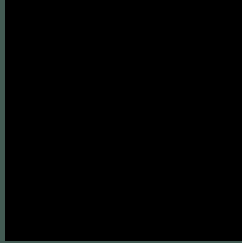
Any Text WCAG AA × Fail

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 435B53 Background



This preview shows how black text looks on a background with the Hex color 435B53.



This preview shows how white text looks on a background with the Hex color 435B53.

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](#).

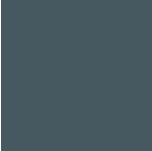
Dichromacy



Original Color
435B53

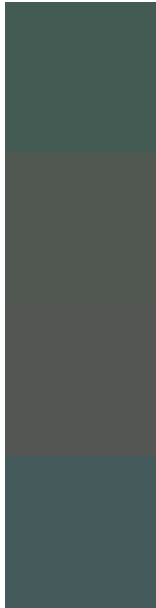
Protanopia
595550

Deuteranopia
5E5355



Tritanopia
465960

Trichromacy



Original Color
435B53

Protanomaly
515751

Deuteranomaly
545654

Tritanomaly
455A5B

Monochromacy



Original Color
435B53

Achromatopsia
535353

Achromatomaly
4D5653

CSS Examples

Text

The CSS property to change the color of the text to Hex 435B53 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 #435B53 looks like.

```
.text, #text, p{  
    color:#435B53  
}
```

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 #435B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435B53
}
```

Border

The CSS property to change the border of an element to Hex 435B53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

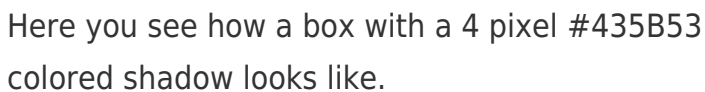
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#435B53 }
```

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

```
.border{ border-color:#435B53 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #435B53 color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #435B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435B53; -webkit-box-shadow:4px 4px  
4px 4px #435B53; box-shadow:4px 4px 4px  
4px #435B53 }
```

Background

The CSS property to change the background color of an element to Hex 435B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435B53 }
```

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

```
.background{ background-color:#435B53 }
```

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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