

Converting Colors

Hex(435F40)

Have a look what the booklet for
Hex(435F40) contains.

Hex(435F40)	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(435F40)

Conversions

Conversions Part 1

Format	Color
Hex	435F40
RGB	67, 95, 64
RGB Percent	26%, 37%, 25%
CMY	0.7373, 0.6275, 0.7490
CMYK	0.29, 0.00, 0.33, 0.63
HSL	114°, 19%, 31%
HSV	114°, 33%, 37%
XYZ	7.3324, 9.7479, 6.3456
YIQ	83.0940, -6.7370, -15.5770

Conversions

Conversions Part 2

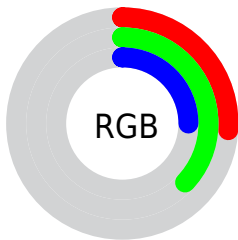
Format	Color
RYB	64, 95, 92
Decimal	4415296
CIELab	37.39, -17.26, 14.50
CIELCh	37, 22.547, 139.965
Yxy	9.7479, 0.3130, 0.4161
Android (android.graphics.Color)	4282605376 (0xFF435F40)
YUV	83.0940, -9.4133, -14.1144
Hunter-Lab	31.2216, -12.7172, 9.8049

Details

The Hex color **435F40** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C405F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **749270**, and **163115** is the 20% darker color. If you saturate the color by 10%, you get **3A5F37**, and if you desaturate by 10%, it is **4C5F4A**.

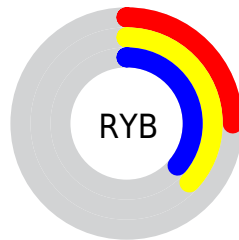
Distribution



Red (26%)

Green (37%)

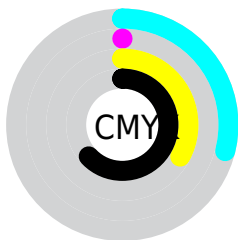
Blue (25%)



Red (25%)

Yellow (37%)

Blue (36%)

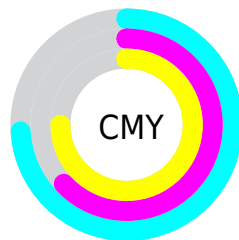


Cyan (29%)

Magenta (0%)

Yellow (33%)

Black (63%)



Cyan (74%)

Magenta (63%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 435F40 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 435F40 by changing the saturation by 10% instead.

 435F40

 435F40

FFFFFF

 2C472A

 749270

 163115

 8EAC89

 001C00

 A8C8A4

 000000

 C4E4BF

 E0FFDB

 F0FFF7

 435F40

 435F40

 3A5F37

 4C5F4A

■ 325F2D

■ 545F53

■ 295F23

■ 5D5F5D

■ 215F1A

■ 655F66

■ 185F10

■ 6E5F6F

■ 105F07

■ 765F79

■ 095F00

■ 7F5F83

■ 885F8C

■ 905F96

Harmonies

Analogous

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



585B35



435F40



2C6151

Triad

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



435F40



345C7B



7C4A4C

Complementary

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



435F40



5C405F

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.



774B5F



435F40



51567A

Square

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



435F40



176073



694F70



764F3D

Rectangle

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



435F40



1C625E



694F70



7B4A53

Sweetspot

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



435F40



6F7A6E



5F5C40



373D36



BDBDBD



3D3D3D

Same Dimension

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



435F40



4F7A4B



405F4C



2C302C



0B7000



17F000

Inverse Universe

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



5C405F



764B7A



5F4053



302C30



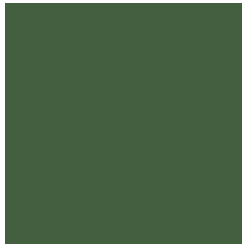
650070



D900F0

Previews

White Background



This preview shows how the Hex color 435F40 looks on a white background.

Color Contrast Check

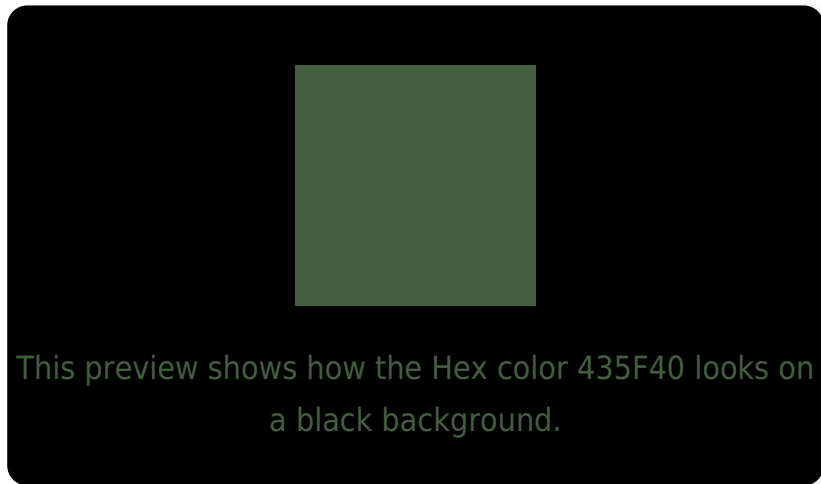
Large Text (above 18pt) WCAG AA ✓ Pass

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

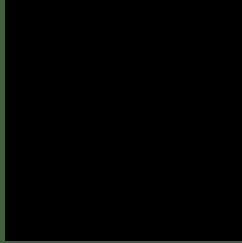
Any Text WCAG AA × Fail

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 435F40 Background



This preview shows how black text looks on a background with the Hex color 435F40.



This preview shows how white text looks on a background with the Hex color 435F40.

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
435F40

Protanopia
5F583D

Deuteranopia
675442



Tritanopia
495B62

Trichromacy



Original Color
435F40

Protanomaly
555B3E

Deuteranomaly
5A5841

Tritanomaly
475C56

Monochromacy



Original Color
435F40

Achromatopsia
535353

Achromatomaly
4D574C

CSS Examples

Text

The CSS property to change the color of the text to Hex 435F40 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 #435F40 looks like.

```
.text, #text, p{  
    color:#435F40  
}
```

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 #435F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435F40
}
```

Border

The CSS property to change the border of an element to Hex 435F40 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
#435F40 }
```

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

```
.border{ border-color:#435F40 }
```

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

Here you see how a box with a 4 pixel #435F40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435F40; -webkit-box-shadow:4px 4px  
4px 4px #435F40; box-shadow:4px 4px 4px  
4px #435F40 }
```

Background

The CSS property to change the background color of an element to Hex 435F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435F40 }
```

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

```
.background{ background-color:#435F40 }
```

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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