

Converting Colors

Hex(435C5A)

Have a look what the booklet for
Hex(435C5A) contains.

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Color

Hex(435C5A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 435C5A |
| RGB | 67, 92, 90 |
| RGB Percent | 26%, 36%, 35% |
| CMY | 0.7373, 0.6392, 0.6471 |
| CMYK | 0.27, 0.00, 0.02, 0.64 |
| HSL | 175°, 16%, 31% |
| HSV | 175°, 27%, 36% |
| XYZ | 7.9873, 9.5858, 11.1021 |
| YIQ | 84.2970, -14.2580, -5.9220 |

Conversions

Conversions Part 2

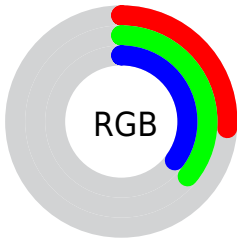
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 67, 80, 92 |
| Decimal | 4414554 |
| CIELab | 37.09, -9.82, -1.90 |
| CIElCh | 37, 10.005, 190.968 |
| Yxy | 9.5858, 0.2785, 0.3343 |
| Android (android.graphics.Color) | 4282604634 (0xFF435C5A) |
| YUV | 84.2970, 2.8116, -15.1695 |
| Hunter-Lab | 30.9609, -8.1318, 0.4121 |

Details

The Hex color **435C5A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C4345**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **748E8C**, and **162E2D** is the 20% darker color. If you saturate the color by 10%, you get **3A5C59**, and if you desaturate by 10%, it is **4C5C5B**.

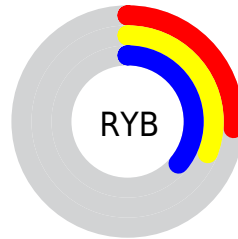
Distribution



 Red (26%)

 Green (36%)

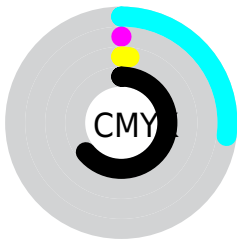
 Blue (35%)



 Red (26%)

 Yellow (31%)

 Blue (36%)

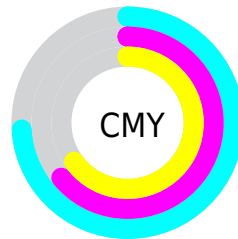


 Cyan (27%)

 Magenta (0%)

 Yellow (2%)

 Black (64%)



 Cyan (74%)

 Magenta (64%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 435C5A 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 435C5A by changing the saturation by 10% instead.

■ 435C5A

■ 435C5A

FFFFFF

■ 2C4443

■ 748E8C

■ 162E2D

■ 8EA9A6

■ 001A18

■ A8C4C1

■ 000000

■ C4E0DD

■ E0FDFA

■ FCFFFF

■ 435C5A

■ 435C5A

■ 3A5C59

■ 4C5C5B

■ 315C59

■ 555C5B

■ 275C58

■ 5F5C5C

■ 1E5C57

■ 685C5D

■ 155C56

■ 715C5E

■ 0C5C56

■ 7A5C5E

■ 035C55

■ 835C5F

■ 005C55

■ 8D5C60

■ 965C61

Harmonies

Analogous

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



495C52



435C5A



435B61

Triad

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



435C5A



5C5463



625548

Complementary

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



435C5A



5C4345

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.



67534D



435C5A



64525D

Square

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



435C5A



525767



685255



5B5847

Rectangle

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



435C5A



465A65



685255



645449

Sweetspot

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



435C5A



6E7877



455C43



373D3D



BDBDBD



3D3D3D

Same Dimension

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



435C5A



507875



43525C



292E2E



006E65



00EDDA

Inverse Universe

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



5C4345



785053



5C4D43



2E292A



6E0009



ED0013

Previews

White Background



This preview shows how the Hex color 435C5A looks on a white background.

Color Contrast Check

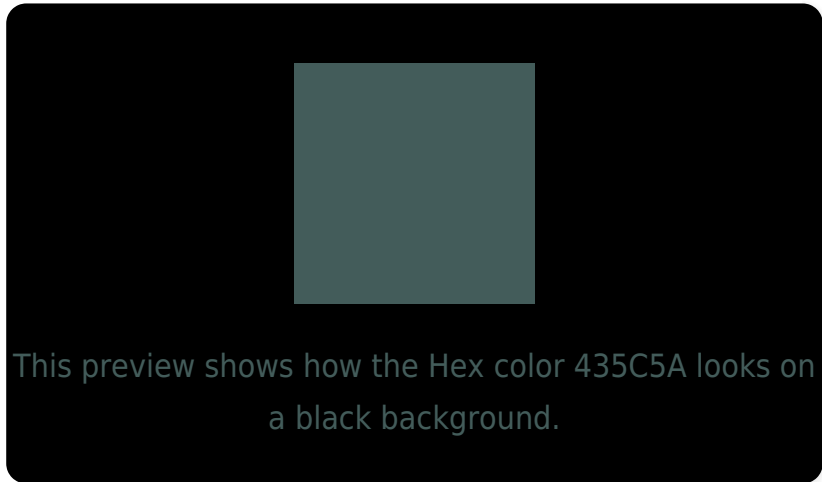
Large Text (above 18pt) WCAG AA ✓ Pass

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

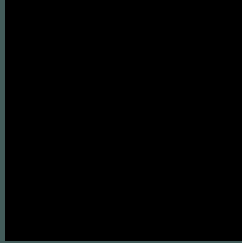
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

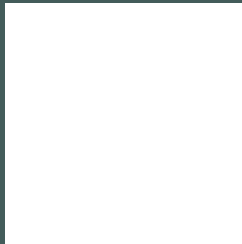
Any Text WCAG AAA × Fail

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

Hex 435C5A Background



This preview shows how black text looks on a background with the Hex color 435C5A.



This preview shows how white text looks on a background with the Hex color 435C5A.

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
435C5A

Protanopia
595757

Deuteranopia
5D545C



Tritanopia
455B62

Trichromacy



Original Color
435C5A

Protanomaly
515958

Deuteranomaly
54575B

Tritanomaly
445B5F

Monochromacy



Original Color
435C5A

Achromatopsia
545454

Achromatomaly
4E5756

CSS Examples

Text

The CSS property to change the color of the text to Hex 435C5A 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 #435C5A looks like.

```
.text, #text, p{  
    color:#435C5A  
}
```

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 #435C5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435C5A
}
```

Border

The CSS property to change the border of an element to Hex 435C5A 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
#435C5A }
```

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

```
.border{ border-color:#435C5A }
```

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

Here you see how a box with a 4 pixel #435C5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435C5A; -webkit-box-shadow:4px 4px  
4px 4px #435C5A; box-shadow:4px 4px 4px  
4px #435C5A }
```

Background

The CSS property to change the background color of an element to Hex 435C5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435C5A }
```

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

```
.background{ background-color:#435C5A }
```

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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