

Converting Colors

Hex(55435A)

Have a look what the booklet for
Hex(55435A) contains.

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Color

Hex(55435A)

Conversions

Conversions Part 1

Format	Color
Hex	55435A
RGB	85, 67, 90
RGB Percent	33%, 26%, 35%
CMY	0.6667, 0.7373, 0.6471
CMYK	0.06, 0.26, 0.00, 0.65
HSL	287°, 15%, 31%
HSV	287°, 26%, 35%
XYZ	7.5989, 6.6838, 10.5625
YIQ	75.0040, 3.3450, 10.9690

Conversions

Conversions Part 2

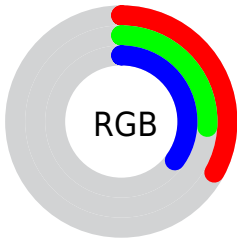
Format	Color
R_{YB}	85, 67, 90
Decimal	5587802
CIE _{Lab}	31.08, 12.48, -10.73
CIE _{LCh}	31, 16.462, 319.319
Yxy	6.6838, 0.3059, 0.2690
Android (android.graphics.Color)	4283777882 (0xFF55435A)
YUV	75.0040, 7.3930, 8.7665
Hunter-Lab	25.8530, 7.2234, -6.1263

Details

The Hex color **55435A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **485A43**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **87738C**, and **27182C** is the 20% darker color. If you saturate the color by 10%, you get **533A5A**, and if you desaturate by 10%, it is **574C5A**.

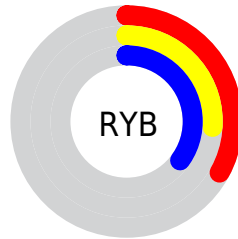
Distribution



 Red (33%)

 Green (26%)

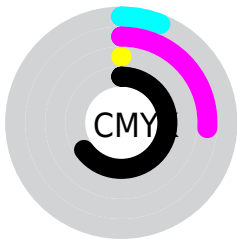
 Blue (35%)



 Red (33%)

 Yellow (26%)

 Blue (35%)

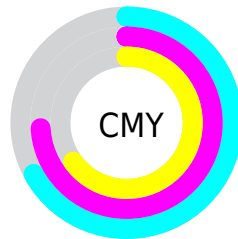


 Cyan (6%)

 Magenta (26%)

 Yellow (0%)

 Black (65%)



 Cyan (67%)

 Magenta (74%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55435A 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 55435A by changing the saturation by 10% instead.

■ 55435A

■ 55435A

FFFFFF

■ 3E2D43

■ 87738C

■ 27182C

■ A18DA6

■ 150018

■ BCA7C2

■ 000000

■ D8C2DE

■ F5DEFA

■ FFFBFF

■ 55435A

■ 55435A

■ 533A5A

■ 574C5A

■ 51315A

■ 59555A

■ 4F285A

■ 5B5E5A

■ 4D1F5A

■ 5D675A

■ 4B165A

■ 5F705A

■ 490D5A

■ 61795A

■ 47045A

■ 63825A

■ 46005A

■ 658B5A

■ 67945A

Harmonies

Analogous

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



454761



55435A



60404E

Triad

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



55435A



564730



215051

Complementary

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



55435A



485A43

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.



2C5044



55435A



4A4B31

Square

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



55435A



5F4336



3B4E38



234F5C

Rectangle

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



55435A



634046



3B4E38



24504D

Sweetspot

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



55435A



736C75



43485A



39353B



BABABA



3B3B3B

Same Dimension

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



55435A



6D5175



5A4354



2D292E



56006E



BA00ED

Inverse Universe

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



5A4348



755159



435A49



2E292A



6E0018



ED0034

Previews

White Background



This preview shows how the Hex color 55435A looks on a white background.

Color Contrast Check

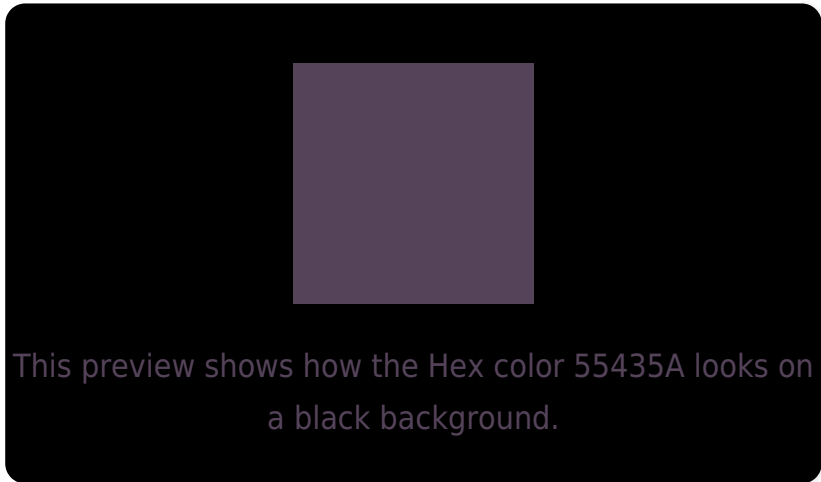
Large Text (above 18pt) WCAG AA ✓ Pass

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

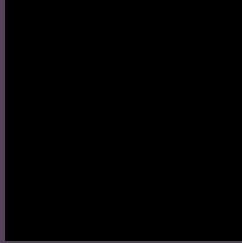
Any Text WCAG AA × Fail

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 55435A Background



This preview shows how black text looks on a background with the Hex color 55435A.

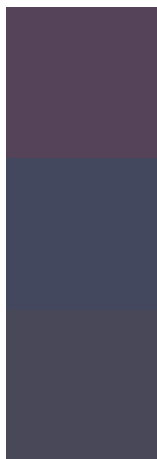


This preview shows how white text looks on a background with the Hex color 55435A.

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
55435A

Protanopia
44485E

Deuteranopia
494859



Tritanopia
53464B

Trichromacy



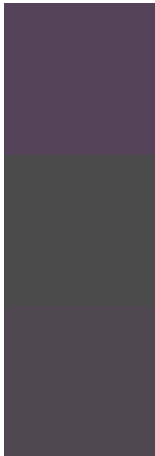
Original Color
55435A

Protanomaly
4A465D

Deuteranomaly
4D4659

Tritanomaly
544550

Monochromacy



Original Color
55435A

Achromatopsia
4B4B4B

Achromatomaly
4F4850

CSS Examples

Text

The CSS property to change the color of the text to Hex 55435A 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 #55435A looks like.

```
.text, #text, p{  
    color:#55435A  
}
```

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 #55435A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55435A
}
```

Border

The CSS property to change the border of an element to Hex 55435A is called "border". The border property can be set on classes, ids or directly on the HTML element.

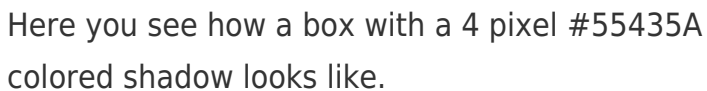
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55435A }
```

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

```
.border{ border-color:#55435A }
```

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



Here you see how a box with a 4 pixel #55435A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55435A; -webkit-box-shadow:4px 4px  
4px 4px #55435A; box-shadow:4px 4px 4px  
4px #55435A }
```

Background

The CSS property to change the background color of an element to Hex 55435A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55435A }
```

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

```
.background{ background-color:#55435A }
```

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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