

Converting Colors

Hex(53334A)

Have a look what the booklet for
Hex(53334A) contains.

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Color

Hex(53334A)

Conversions

Conversions Part 1

Format	Color
Hex	53334A
RGB	83, 51, 74
RGB Percent	33%, 20%, 29%
CMY	0.6745, 0.8000, 0.7098
CMYK	0.00, 0.39, 0.11, 0.67
HSL	317°, 24%, 26%
HSV	317°, 39%, 33%
XYZ	5.9871, 4.7011, 7.0704
YIQ	63.1900, 11.6890, 13.9370

Conversions

Conversions Part 2

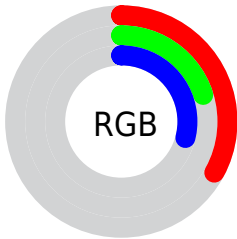
Format	Color
R_{YB}	83, 51, 74
Decimal	5452618
CIE Lab	25.87, 18.49, -8.21
CIE LCh	26, 20.228, 336.066
Yxy	4.7011, 0.3371, 0.2647
Android (android.graphics.Color)	4283642698 (0xFF53334A)
YUV	63.1900, 5.3293, 17.3734
Hunter-Lab	21.6819, 11.3467, -4.1569

Details

The Hex color **53334A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **33533C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **85627B**, and **25071E** is the 20% darker color. If you saturate the color by 10%, you get **532B48**, and if you desaturate by 10%, it is **533B4C**.

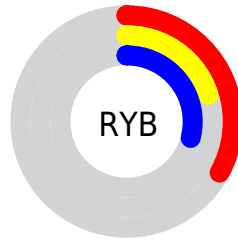
Distribution



Red (33%)

Green (20%)

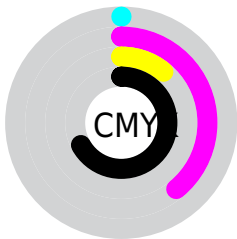
Blue (29%)



Red (33%)

Yellow (20%)

Blue (29%)

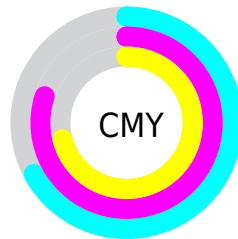


Cyan (0%)

Magenta (39%)

Yellow (11%)

Black (67%)



Cyan (67%)

Magenta (80%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53334A 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 53334A by changing the saturation by 10% instead.

■ 53334A

■ 53334A

FFFFFF

■ 3B1D33

■ 85627B

■ 25071E

■ A07B94

■ 010003

■ BB95AF

■ 000000

■ D7B0CB

■ F3CBE7

■ FFE8FF

■ 53334A

■ 53334A

■ 532B48

■ 533B4C

■ 532245

■ 53444F

■ 531A43

■ 534C51

■ 531241

■ 535453

■ 530A3E

■ 535D56

■ 53013C

■ 536558

■ 53003C

■ 536D5A

■ 53755D

■ 537E5F

Harmonies

Analogous

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



433856



53334A



5A313B

Triad

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



53334A



443D1E



00454F

Complementary

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



53334A



33533C

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.



054540



53334A



344224

Square

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



53334A



513821



204430



0A4259

Rectangle

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



53334A



5B3231



204430



00454A

Sweetspot

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



53334A



6B5E67



3C3353



362E33



B5B5B5



363636

Same Dimension

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



53334A



6B3A5D



53333A



292528



69004B



E800A7

Inverse Universe

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



53334A



6B3A5D



33534C



292528



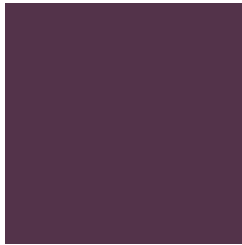
69004B



E800A7

Previews

White Background



This preview shows how the Hex color 53334A looks on a white background.

Color Contrast Check

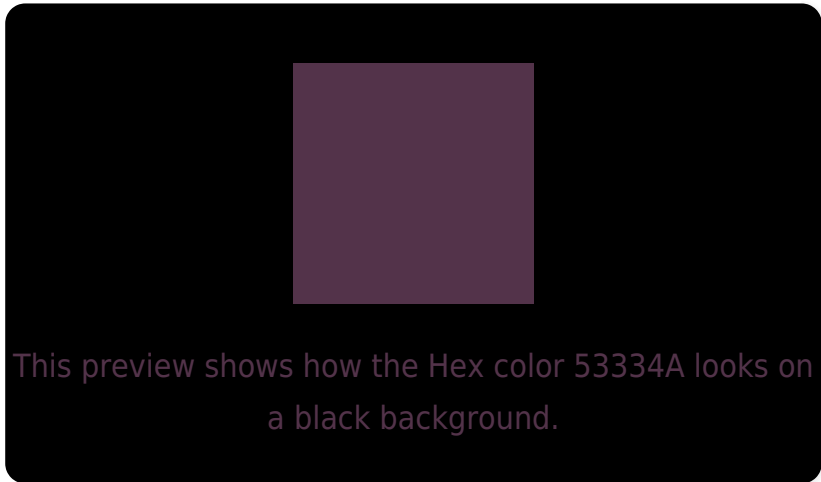
Large Text (above 18pt) WCAG AA ✓ Pass

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

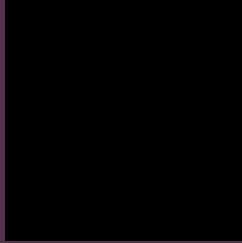
Any Text WCAG AA × Fail

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 53334A Background



This preview shows how black text looks on a background with the Hex color 53334A.

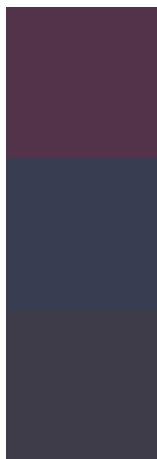


This preview shows how white text looks on a background with the Hex color 53334A.

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
53334A

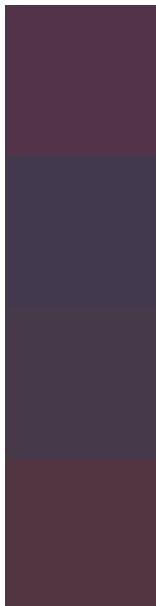
Protanopia
383D51

Deuteranopia
3E3C48



Tritanopia
51363A

Trichromacy



Original Color

53334A

Protanomaly

42394E

Deuteranomaly

463949

Tritanomaly

523540

Monochromacy



Original Color

53334A

Achromatopsia

3F3F3F

Achromatomaly

463B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 53334A 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 #53334A looks like.

```
.text, #text, p{  
    color:#53334A  
}
```

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 #53334A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53334A
}
```

Border

The CSS property to change the border of an element to Hex 53334A is called "border". The border property can be set on classes, ids or directly on the HTML element.

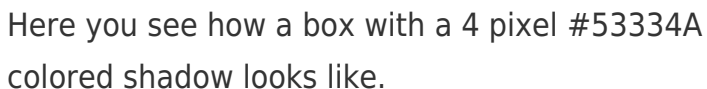
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53334A }
```

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

```
.border{ border-color:#53334A }
```

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



Here you see how a box with a 4 pixel #53334A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53334A; -webkit-box-shadow:4px 4px  
4px 4px #53334A; box-shadow:4px 4px 4px  
4px #53334A }
```

Background

The CSS property to change the background color of an element to Hex 53334A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53334A }
```

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

```
.background{ background-color:#53334A }
```

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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