

Converting Colors

Hex(55304B)

Have a look what the booklet for
Hex(55304B) contains.

Hex(55304B)	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(55304B)

Conversions

Conversions Part 1

Format	Color
Hex	55304B
RGB	85, 48, 75
RGB Percent	33%, 19%, 29%
CMY	0.6667, 0.8118, 0.7059
CMYK	0.00, 0.44, 0.12, 0.67
HSL	316°, 28%, 26%
HSV	316°, 44%, 33%
XYZ	6.0733, 4.5532, 7.2154
YIQ	62.1410, 13.3850, 16.2410

Conversions

Conversions Part 2

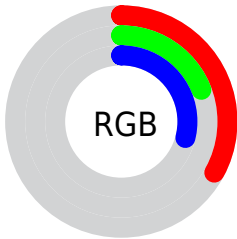
Format	Color
R_{YB}	85, 48, 75
Decimal	5582923
CIE _{Lab}	25.42, 21.35, -9.52
CIE _{LCh}	25, 23.375, 335.976
Yxy	4.5532, 0.3404, 0.2552
Android (android.graphics.Color)	4283773003 (0xFF55304B)
YUV	62.1410, 6.3395, 20.0473
Hunter-Lab	21.3382, 13.4626, -5.1117

Details

The Hex color **55304B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **30553A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **885F7C**, and **27031F** is the 20% darker color. If you saturate the color by 10%, you get **552749**, and if you desaturate by 10%, it is **55394D**.

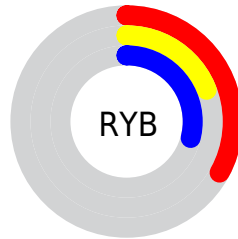
Distribution



Red (33%)

Green (19%)

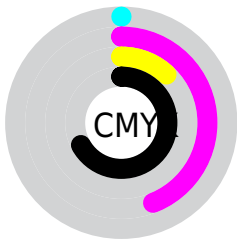
Blue (29%)



Red (33%)

Yellow (19%)

Blue (29%)

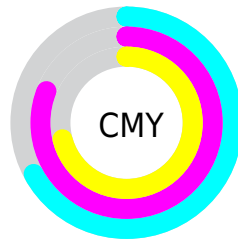


Cyan (0%)

Magenta (44%)

Yellow (12%)

Black (67%)



Cyan (67%)

Magenta (81%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55304B 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 55304B by changing the saturation by 10% instead.

■ 55304B

■ 55304B

FFFFFF

■ 3D1A34

■ 885F7C

■ 27031F

■ A27896

■ 020004

■ BD92B0

■ 000000

■ D9ADCC

■ F6C8E8

■ FFE4FF

■ 55304B

■ 55304B

■ 552749

■ 55394D

■ 551F46

■ 554150

■ 551644

■ 554A52

■ 550E42

■ 555254

■ 550540

■ 555A56

■ 55003E

■ 556359

■ 556B5B

■ 55745D

■ 557C60

Harmonies

Analogous

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



423659



55304B



5D2D39

Triad

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



55304B



443C18



004551

Complementary

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



55304B



30553A

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.



00453F



55304B



31411F

Square

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



55304B



52361C



19442D



00425C

Rectangle

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



55304B



5D2F2E



19442D



00454B

Sweetspot

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



55304B



6E5F6A



3A3055



382F36



B8B8B8



383838

Same Dimension

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



55304B



6E355E



553039



2B272A



6B004E



EB00AB

Inverse Universe

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



55304B



6E355E



30554C



2B272A



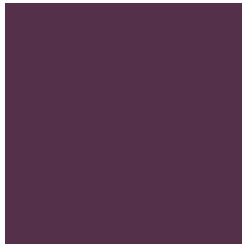
6B004E



EB00AB

Previews

White Background



This preview shows how the Hex color 55304B looks on a white background.

Color Contrast Check

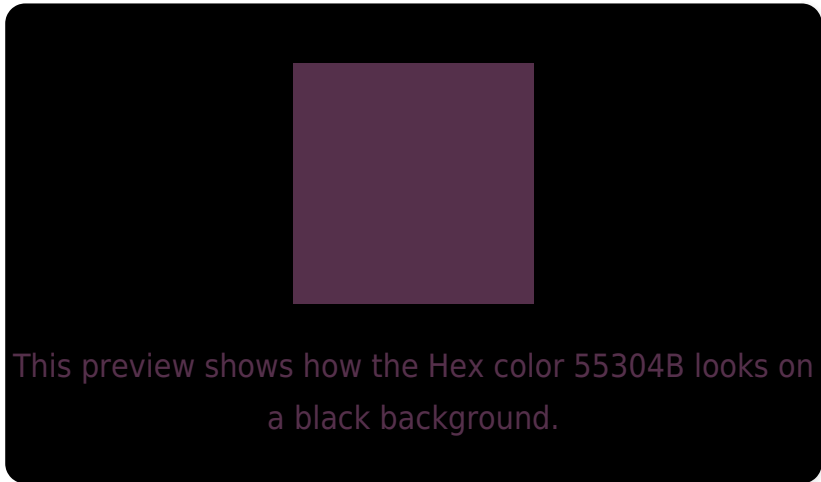
Large Text (above 18pt) WCAG AA ✓ Pass

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

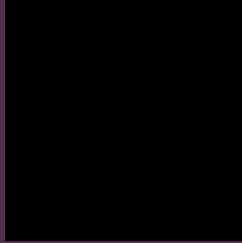
Any Text WCAG AA × Fail

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 55304B Background



This preview shows how black text looks on a background with the Hex color 55304B.



This preview shows how white text looks on a background with the Hex color 55304B.

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
55304B

Protanopia
363C54

Deuteranopia
3D3B49



Tritanopia
533438

Trichromacy



Original Color
55304B

Protanomaly
413851

Deuteranomaly
46374A

Tritanomaly
54333F

Monochromacy



Original Color
55304B

Achromatopsia
3E3E3E

Achromatomaly
463943

CSS Examples

Text

The CSS property to change the color of the text to Hex 55304B 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 #55304B looks like.

```
.text, #text, p{  
    color:#55304B  
}
```

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 #55304B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55304B
}
```

Border

The CSS property to change the border of an element to Hex 55304B is called "border". The border property can be set on classes, ids or directly on the HTML element.

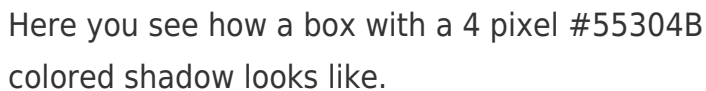
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55304B }
```

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

```
.border{ border-color:#55304B }
```

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



Here you see how a box with a 4 pixel #55304B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55304B; -webkit-box-shadow:4px 4px  
4px 4px #55304B; box-shadow:4px 4px 4px  
4px #55304B }
```

Background

The CSS property to change the background color of an element to Hex 55304B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55304B }
```

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

```
.background{ background-color:#55304B }
```

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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