

Converting Colors

Hex(40545B)

Have a look what the booklet for
Hex(40545B) contains.

Hex(40545B)	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(40545B)

Conversions

Conversions Part 1

Format	Color
Hex	40545B
RGB	64, 84, 91
RGB Percent	25%, 33%, 36%
CMY	0.7490, 0.6706, 0.6431
CMYK	0.30, 0.08, 0.00, 0.64
HSL	196°, 17%, 30%
HSV	196°, 30%, 36%
XYZ	7.1730, 8.1860, 11.0995
YIQ	78.8180, -14.1670, -2.0630

Conversions

Conversions Part 2

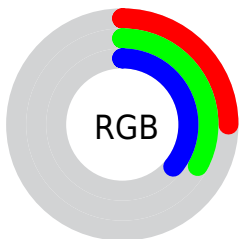
Format	Color
RYB	64, 75, 91
Decimal	4215899
CIELab	34.37, -5.80, -6.59
CIELCh	34, 8.780, 228.619
Yxy	8.1860, 0.2711, 0.3094
Android (android.graphics.Color)	4282405979 (0xFF40545B)
YUV	78.8180, 6.0057, -12.9954
Hunter-Lab	28.6111, -5.3183, -2.9734

Details

The Hex color **40545B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B4740**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **71868D**, and **14272D** is the 20% darker color. If you saturate the color by 10%, you get **37525B**, and if you desaturate by 10%, it is **49565B**.

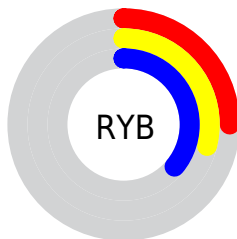
Distribution



 Red (25%)

 Green (33%)

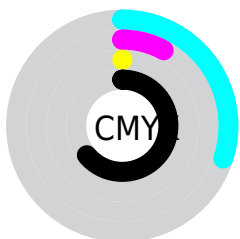
 Blue (36%)




 Red (25%)

 Yellow (29%)

 Blue (36%)

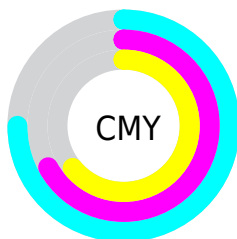


 Cyan (30%)

 Magenta (8%)

 Yellow (0%)

 Black (64%)



 Cyan (75%)

 Magenta (67%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40545B 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 40545B by changing the saturation by 10% instead.

■ 40545B

■ 40545B

FFFFFF

■ 293D44

■ 71868D

■ 14272D

■ 8AA0A7

■ 001319

■ A5BBC3

■ 000000

■ C0D6DF

■ DCF3FB

■ F9FFFF

■ 40545B

■ 40545B

■ 37525B

■ 49565B

■ 2E4F5B

■ 52595B

■ 254D5B

■ 5B5B5B

■ 1C4B5B

■ 645D5B

■ 13485B

■ 6E605B

■ 09465B

■ 77625B

■ 00435B

■ 80655B

■ 89675B

■ 92695B

Harmonies

Analogous

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



3F5555



40545B



46525E

Triad

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



40545B



5D4C54



525244

Complementary

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



40545B



5B4740

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.



594F43



40545B



604C4D

Square

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



40545B



574E5A



5E4D47



4A5447

Rectangle

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



40545B



4C515E



5E4D47



545143

Sweetspot

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



40545B



6B7375



405B47



34393B



BABABA



3B3B3B

Same Dimension

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



40545B



4B6A75



40475B



292D2E



00516E



00B0ED

Inverse Universe

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



5B4054



754B6A



5B5440



2E292D



6E0051



ED00B0

Previews

White Background



This preview shows how the Hex color 40545B looks on a white background.

Color Contrast Check

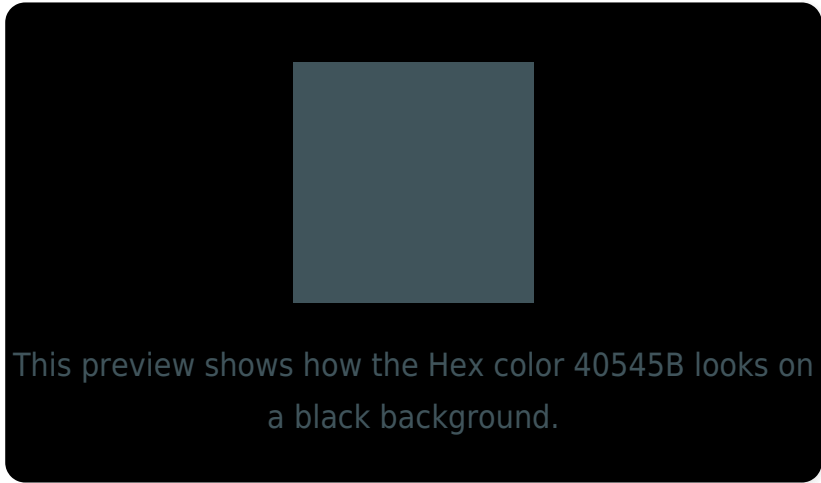
Large Text (above 18pt) WCAG AA ✓ Pass

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

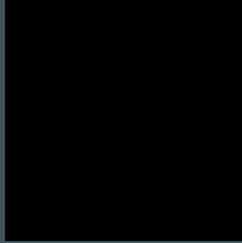
Any Text WCAG AA × Fail

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 40545B Background



This preview shows how black text looks on a background with the Hex color 40545B.



This preview shows how white text looks on a background with the Hex color 40545B.

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
40545B

Protanopia
505059

Deuteranopia
534F5C



Tritanopia
40545B

Trichromacy



Original Color
40545B

Protanomaly
4A515A

Deuteranomaly
4C515C

Tritanomaly
40545B

Monochromacy



Original Color
40545B

Achromatopsia
4F4F4F

Achromatomaly
4A5153

CSS Examples

Text

The CSS property to change the color of the text to Hex 40545B 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 #40545B looks like.

```
.text, #text, p{  
    color:#40545B  
}
```

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 #40545B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40545B
}
```

Border

The CSS property to change the border of an element to Hex 40545B is called "border". The border property can be set on classes, ids or directly on the HTML element.

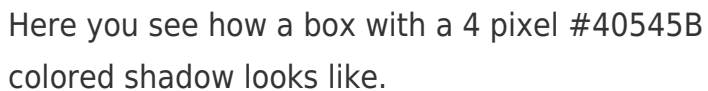
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40545B }
```

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

```
.border{ border-color:#40545B }
```

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



Here you see how a box with a 4 pixel #40545B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40545B; -webkit-box-shadow:4px 4px  
4px 4px #40545B; box-shadow:4px 4px 4px  
4px #40545B }
```

Background

The CSS property to change the background color of an element to Hex 40545B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40545B }
```

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

```
.background{ background-color:#40545B }
```

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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