

Converting Colors

Hex(40574B)

Have a look what the booklet for
Hex(40574B) contains.

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Color

Hex(40574B)

Conversions

Conversions Part 1

Format	Color
Hex	40574B
RGB	64, 87, 75
RGB Percent	25%, 34%, 29%
CMY	0.7490, 0.6588, 0.7059
CMYK	0.26, 0.00, 0.14, 0.66
HSL	149°, 15%, 30%
HSV	149°, 26%, 34%
XYZ	6.7925, 8.4144, 7.9227
YIQ	78.7550, -9.8560, -8.6080

Conversions

Conversions Part 2

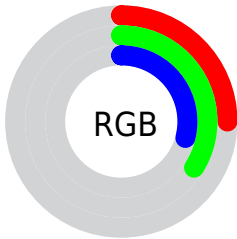
Format	Color
RYB	64, 80, 87
Decimal	4216651
CIELab	34.83, -11.61, 4.14
CIELCh	35, 12.326, 160.356
Yxy	8.4144, 0.2937, 0.3638
Android (android.graphics.Color)	4282406731 (0xFF40574B)
YUV	78.7550, -1.8512, -12.9401
Hunter-Lab	29.0075, -8.9648, 4.1116

Details

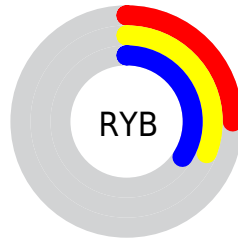
The Hex color **40574B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57404C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **70897C**, and **142A1F** is the 20% darker color. If you saturate the color by 10%, you get **375746**, and if you desaturate by 10%, it is **495750**.

Distribution



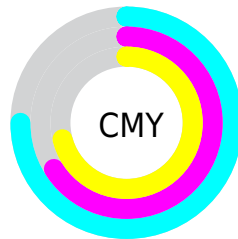
- Red (25%)
- Green (34%)
- Blue (29%)



- Red (25%)
- Yellow (31%)
- Blue (34%)



- Cyan (26%)
- Magenta (0%)
- Yellow (14%)
- Black (66%)



- Cyan (75%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40574B 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 40574B by changing the saturation by 10% instead.

 40574B

 40574B

FFFFFF

 2A4034

 70897C

 142A1F

 8AA396

 001607

 A4BEB0

 000000

 BFDACC

 DBF7E8

 F8FFFF

 40574B

 40574B

 375746

 495750

■ 2F5742

■ 515754

■ 26573D

■ 5A5759

■ 1D5739

■ 63575D

■ 145734

■ 6C5762

■ 0C5730

■ 745766

■ 03572B

■ 7D576B

■ 00572A

■ 86576F

■ 8E5774

Harmonies

Analogous

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



4B5543



40574B



385855

Triad

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



40574B



4B5265



654C46

Complementary

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



40574B



57404C

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.



664B4F



40574B



584E61

Square

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



40574B



3F5564



614C59



5F4F40

Rectangle

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



40574B



37575B



614C59



664C48

Sweetspot

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



40574B



67706C



4C5740



323835



B8B8B8



383838

Same Dimension

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



40574B



4C705D



405756



272B29



006B33



00EB70

Inverse Universe

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



57404C



704C5F



574041



2B2729



6B0038



EB007A

Previews

White Background



This preview shows how the Hex color 40574B looks on a white background.

Color Contrast Check

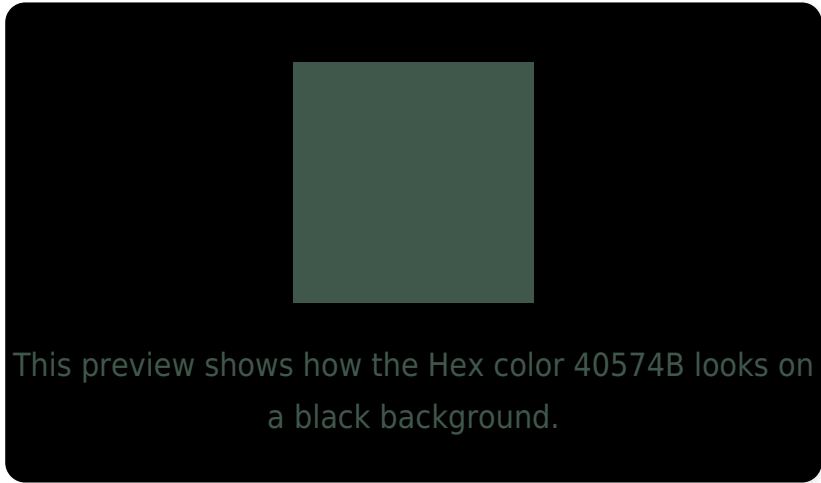
Large Text (above 18pt) WCAG AA ✓ Pass

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

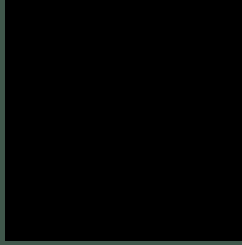
Any Text WCAG AA × Fail

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 40574B Background



This preview shows how black text looks on a background with the Hex color 40574B.

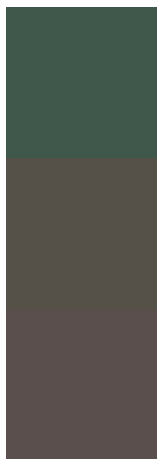


This preview shows how white text looks on a background with the Hex color 40574B.

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
40574B

Protanopia
555148

Deuteranopia
5B4F4D



Tritanopia
43555B

Trichromacy



Original Color
40574B

Protanomaly
4D5349

Deuteranomaly
51524C

Tritanomaly
425655

Monochromacy



Original Color
40574B

Achromatopsia
4F4F4F

Achromatomaly
4A524E

CSS Examples

Text

The CSS property to change the color of the text to Hex 40574B 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 #40574B looks like.

```
.text, #text, p{  
    color:#40574B  
}
```

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 #40574B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40574B
}
```

Border

The CSS property to change the border of an element to Hex 40574B is called "border". The border property can be set on classes, ids or directly on the HTML element.

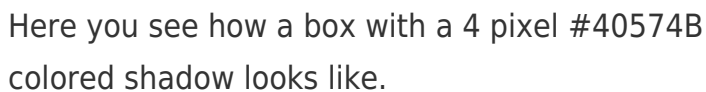
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40574B }
```

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

```
.border{ border-color:#40574B }
```

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



Here you see how a box with a 4 pixel #40574B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40574B; -webkit-box-shadow:4px 4px  
4px 4px #40574B; box-shadow:4px 4px 4px  
4px #40574B }
```

Background

The CSS property to change the background color of an element to Hex 40574B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40574B }
```

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

```
.background{ background-color:#40574B }
```

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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