

# Converting Colors

Hex(42554B)

Have a look what the booklet for  
Hex(42554B) contains.

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# Color

Hex(42554B)

# Conversions

## Conversions Part 1

Format	Color
Hex	42554B
RGB	66, 85, 75
RGB Percent	26%, 33%, 29%
CMY	0.7412, 0.6667, 0.7059
CMYK	0.22, 0.00, 0.12, 0.67
HSL	148°, 13%, 30%
HSV	148°, 22%, 33%
XYZ	6.7653, 8.1632, 7.8757
YIQ	78.1790, -8.1140, -7.1380

# Conversions

## Conversions Part 2

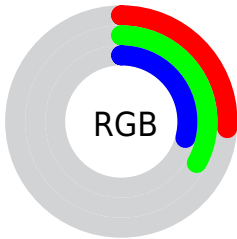
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 79, 85
Decimal	4347211
CIELab	34.32, -9.69, 3.43
CIELCh	34, 10.274, 160.506
Yxy	8.1632, 0.2967, 0.3580
Android (android.graphics.Color)	4282537291 (0xFF42554B)
YUV	78.1790, -1.5672, -10.6810
Hunter-Lab	28.5714, -7.7339, 3.6567

# Details

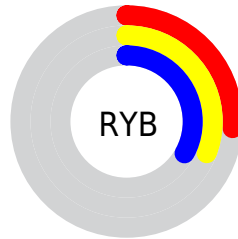
The Hex color **42554B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **55424C**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **72877C**, and **17281F** is the 20% darker color. If you saturate the color by 10%, you get **395547**, and if you desaturate by 10%, it is **4A554F**.

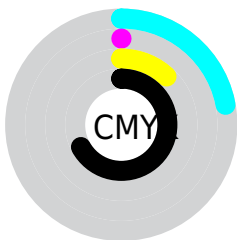
# Distribution



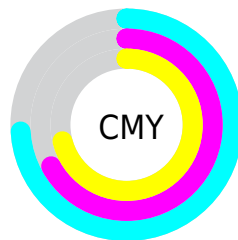
- Red (26%)
- Green (33%)
- Blue (29%)



- Red (26%)
- Yellow (31%)
- Blue (33%)



- Cyan (22%)
- Magenta (0%)
- Yellow (12%)
- Black (67%)



- Cyan (74%)
- Magenta (67%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42554B 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 42554B by changing the saturation by 10% instead.





42554B



42554B

FFFFFF



2C3E34



72877C



17281F



8CA196



001407



A6BCB0



000000



C2D8CC



DDF4E8



FAFFFF



42554B



42554B



395547



4A554F

■ 315542

■ 535554

■ 29553E

■ 5C5558

■ 205539

■ 64555D

■ 185535

■ 6C5561

■ 0F5530

■ 755566

■ 07552C

■ 7D556A

■ 005528

■ 86556F

■ 8E5573

# Harmonies

## Analogous

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



4B5344



42554B



3C5553

# Triad

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



42554B



4B5061



614C46

# Complementary

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



42554B



55424C

# 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.



624B4E



42554B



564E5D

# Square

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



42554B



415360



5E4C56



5C4E42

# Rectangle

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



42554B



3B5559



5E4C56



624C49



# Sweetspot

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



42554B



666E6A



4C5542



343836



B8B8B8



383838



# Same Dimension

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



42554B



506E5E



425554



272B29



006B33



00EB6F



# Inverse Universe

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



55424C



6E5060



554243



2B2729



6B0038



EB007B



# Previews

## White Background



This preview shows how the Hex color 42554B looks on a white background.

## Color Contrast Check

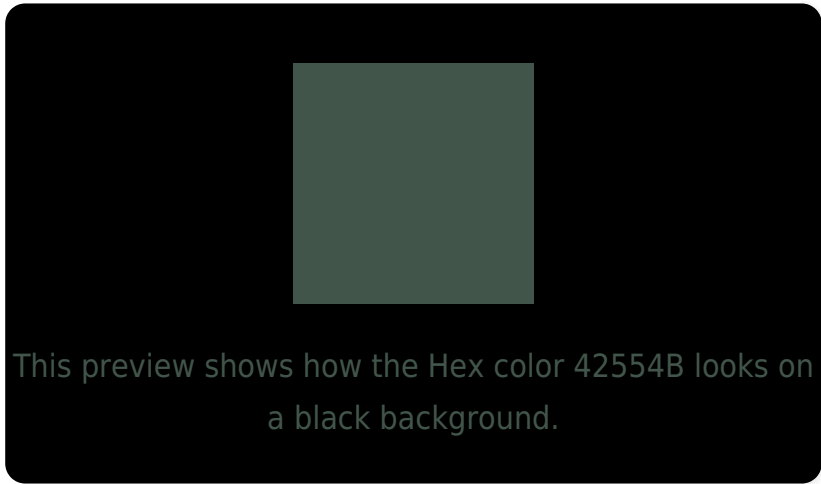
Large Text (above 18pt) WCAG AA ✓ Pass

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

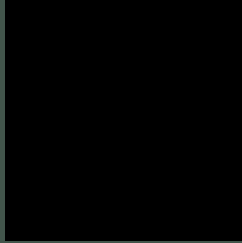
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 42554B Background



This preview shows how black text looks on a background with the Hex color 42554B.



This preview shows how white text looks on a background with the Hex color 42554B.

# 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](#).

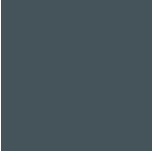
## Dichromacy



**Original Color**  
42554B

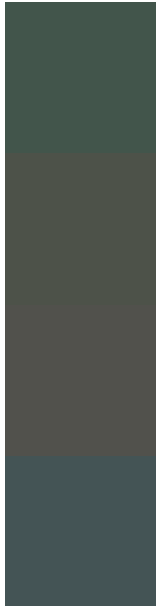
**Protanopia**  
545048

**Deuteranopia**  
5A4E4C



**Tritanopia**  
45535A

# Trichromacy



**Original Color**  
42554B

**Protanomaly**  
4D5249

**Deuteranomaly**  
51514C

**Tritanomaly**  
445455

# Monochromacy



**Original Color**  
42554B

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
4A514D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42554B 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 #42554B looks like.

```
.text, #text, p{  
    color:#42554B  
}
```

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 #42554B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42554B
}
```

## Border

The CSS property to change the border of an element to Hex 42554B is called "border". The border property can be set on classes, ids or directly on the HTML element.

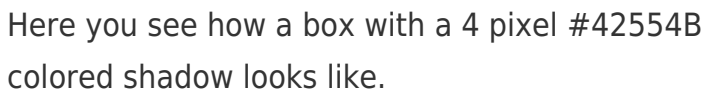
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42554B }
```

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

```
.border{ border-color:#42554B }
```

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



Here you see how a box with a 4 pixel #42554B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42554B; -webkit-box-shadow:4px 4px  
4px 4px #42554B; box-shadow:4px 4px 4px  
4px #42554B }
```

# Background

The CSS property to change the background color of an element to Hex 42554B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42554B }
```

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

```
.background{ background-color:#42554B }
```

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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