

Converting Colors

Hex(42554F)

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

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Color

Hex(42554F)

Conversions

Conversions Part 1

Format	Color
Hex	42554F
RGB	66, 85, 79
RGB Percent	26%, 33%, 31%
CMY	0.7412, 0.6667, 0.6902
CMYK	0.22, 0.00, 0.07, 0.67
HSL	161°, 13%, 30%
HSV	161°, 22%, 33%
XYZ	6.9065, 8.2198, 8.6197
YIQ	78.6350, -9.3980, -5.8940

Conversions

Conversions Part 2

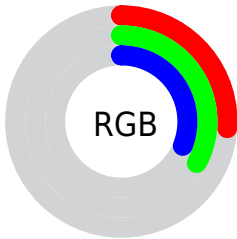
Format	Color
RYB	66, 77, 85
Decimal	4347215
CIELab	34.44, -8.75, 1.08
CIELCh	34, 8.819, 172.946
Yxy	8.2198, 0.2909, 0.3462
Android (android.graphics.Color)	4282537295 (0xFF42554F)
YUV	78.6350, 0.1799, -11.0809
Hunter-Lab	28.6701, -7.1726, 2.2435

Details

The Hex color **42554F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **554248**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **728780**, and **162823** is the 20% darker color. If you saturate the color by 10%, you get **39554C**, and if you desaturate by 10%, it is **4A5552**.

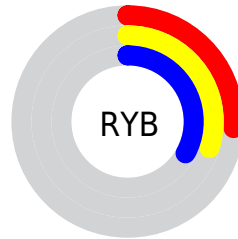
Distribution



Red (26%)

Green (33%)

Blue (31%)



Red (26%)

Yellow (30%)

Blue (33%)

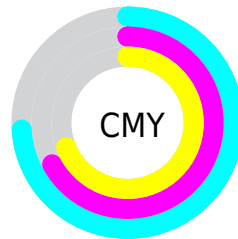


Cyan (22%)

Magenta (0%)

Yellow (7%)

Black (67%)



Cyan (74%)

Magenta (67%)

Yellow (69%)

Brightness & Saturation Gradients

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



42554F



42554F

FFFFFF



2C3E38



728780



162823



8CA19A



00140D



A6BCB5



000000



C2D8D0



DEF4ED



FAFFFF



42554F



42554F



39554C



4A5552

■ 31554A

■ 535554

■ 295547

■ 5C5557

■ 205544

■ 64555A

■ 185542

■ 6C555C

■ 0F553F

■ 75555F

■ 07553C

■ 7D5562

■ 00553A

■ 865564

■ 8E5567

Harmonies

Analogous

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



495448



42554F



3F5556

Triad

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



42554F



50505E



5E4E46

Complementary

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



42554F



554248

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.



604C4C



42554F



594E59

Square

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



42554F



47525F



5E4C53



585043

Rectangle

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



42554F



3F545A



5E4C53



5F4D48

Sweetspot

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



42554F



666E6B



485542



343837



B8B8B8



383838

Same Dimension

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



42554F



506E64



425255



272B2A



006B49



00EBA1

Inverse Universe

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



554248



6E5059



554542



2B2728



6B0022



EB004A

Previews

White Background



This preview shows how the Hex color 42554F 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

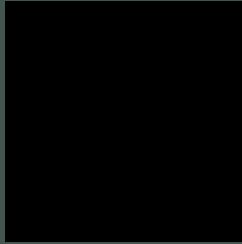
Any Text WCAG AA × Fail

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 42554F Background



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



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

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](#).

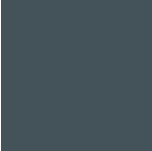
Dichromacy



Original Color
42554F

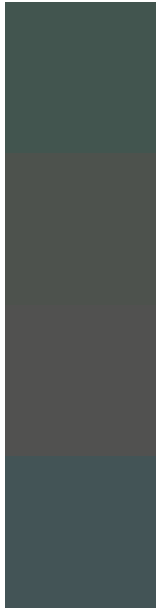
Protanopia
53504C

Deuteranopia
594E50



Tritanopia
44535A

Trichromacy



Original Color
42554F

Protanomaly
4D524D

Deuteranomaly
515150

Tritanomaly
435456

Monochromacy



Original Color
42554F

Achromatopsia
4F4F4F

Achromatomaly
4A514F

CSS Examples

Text

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

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

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 #42554F colored shadow looks like.

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

Border

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

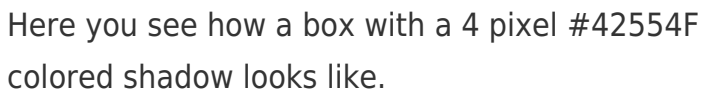
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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