

Converting Colors

Hex(42545E)

Have a look what the booklet for
Hex(42545E) contains.

Hex(42545E)	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(42545E)

Conversions

Conversions Part 1

Format	Color
Hex	42545E
RGB	66, 84, 94
RGB Percent	26%, 33%, 37%
CMY	0.7412, 0.6706, 0.6314
CMYK	0.30, 0.11, 0.00, 0.63
HSL	201°, 18%, 31%
HSV	201°, 30%, 37%
XYZ	7.4375, 8.3071, 11.8011
YIQ	79.7580, -13.9380, -0.7060

Conversions

Conversions Part 2

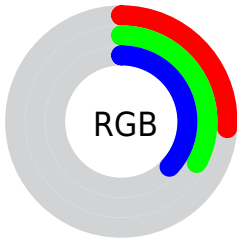
Format	Color
RYB	66, 77, 94
Decimal	4346974
CIELab	34.61, -4.30, -8.09
CIELCh	35, 9.164, 241.988
Yxy	8.3071, 0.2700, 0.3016
Android (android.graphics.Color)	4282537054 (0xFF42545E)
YUV	79.7580, 7.0213, -12.0658
Hunter-Lab	28.8220, -4.3767, -4.1008

Details

The Hex color **42545E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E4C42**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **738590**, and **152730** is the 20% darker color. If you saturate the color by 10%, you get **39515E**, and if you desaturate by 10%, it is **4B575E**.

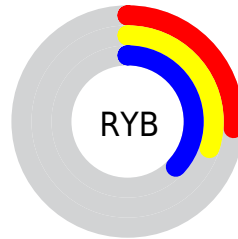
Distribution



Red (26%)

Green (33%)

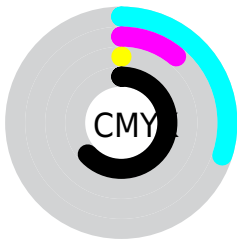
Blue (37%)



Red (26%)

Yellow (30%)

Blue (37%)

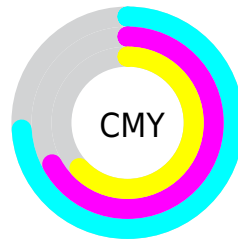


Cyan (30%)

Magenta (11%)

Yellow (0%)

Black (63%)



Cyan (74%)

Magenta (67%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42545E 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 42545E by changing the saturation by 10% instead.

■ 42545E

■ 42545E

FFFFFF

■ 2B3D46

■ 738590

■ 152730

■ 8CA0AB

■ 00131B

■ A7BBC6

■ 000000

■ C2D6E2

■ DEF3FF

■ FBFFFF

■ 42545E

■ 42545E

■ 39515E

■ 4B575E

■ 2F4D5E

■ 555B5E

■ 264A5E

■ 5E5E5E

■ 1C475E

■ 68615E

■ 13435E

■ 71655E

■ 0A405E

■ 7A685E

■ 003D5E

■ 846C5E

■ 003C5E

■ 8D6F5E

■ 97725E

Harmonies

Analogous

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



3E5559



42545E



4A5260

Triad

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



42545E



604C51



4F5345

Complementary

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



42545E



5E4C42

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.



575143



42545E



614D4A

Square

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



42545E



5B4D58



5D4F45



46554A

Rectangle

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



42545E



50505F



5D4F45



515344

Sweetspot

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



42545E



6F767A



425E4C



363B3D



BDBDBD



3D3D3D

Same Dimension

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



42545E



4E6B7A



42465E



292C2E



00466E



0098ED

Inverse Universe

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



5E4254



7A4E6B



5E5A42



2E292C



6E0046



ED0098

Previews

White Background



This preview shows how the Hex color 42545E 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

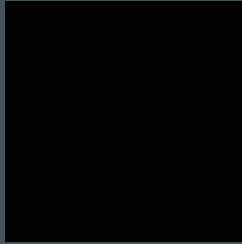
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

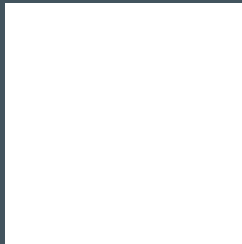
Any Text WCAG AAA × Fail

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

Hex 42545E Background



This preview shows how black text looks on a background with the Hex color 42545E.



This preview shows how white text looks on a background with the Hex color 42545E.

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
42545E

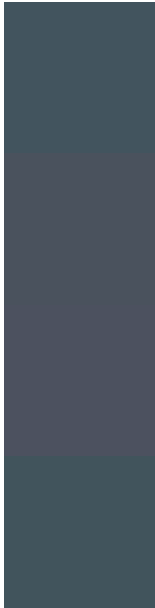
Protanopia
4F515C

Deuteranopia
524F5F



Tritanopia
41545B

Trichromacy



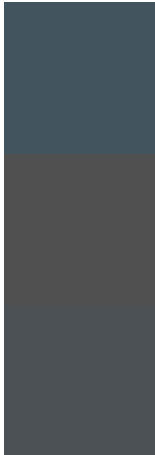
Original Color
42545E

Protanomaly
4A525D

Deuteranomaly
4C515F

Tritanomaly
41545C

Monochromacy



Original Color
42545E

Achromatopsia
505050

Achromatomaly
4B5155

CSS Examples

Text

The CSS property to change the color of the text to Hex 42545E 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 #42545E looks like.

```
.text, #text, p{  
    color:#42545E  
}
```

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 #42545E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42545E
}
```

Border

The CSS property to change the border of an element to Hex 42545E is called "border". The border property can be set on classes, ids or directly on the HTML element.

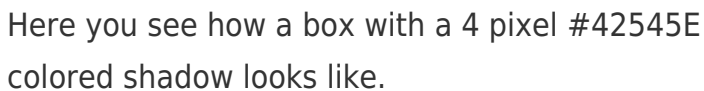
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42545E }
```

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

```
.border{ border-color:#42545E }
```

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



Here you see how a box with a 4 pixel #42545E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42545E; -webkit-box-shadow:4px 4px  
4px 4px #42545E; box-shadow:4px 4px 4px  
4px #42545E }
```

Background

The CSS property to change the background color of an element to Hex 42545E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42545E }
```

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

```
.background{ background-color:#42545E }
```

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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