

Converting Colors

Hex(42575F)

Have a look what the booklet for
Hex(42575F) contains.

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Color

Hex(42575F)

Conversions

Conversions Part 1

Format	Color
Hex	42575F
RGB	66, 87, 95
RGB Percent	26%, 34%, 37%
CMY	0.7412, 0.6588, 0.6275
CMYK	0.31, 0.08, 0.00, 0.63
HSL	197°, 18%, 32%
HSV	197°, 31%, 37%
XYZ	7.7205, 8.8009, 12.1183
YIQ	81.6330, -15.0840, -1.9640

Conversions

Conversions Part 2

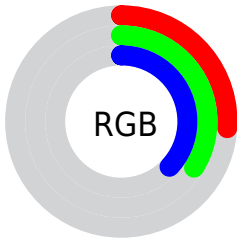
Format	Color
RYB	66, 78, 95
Decimal	4347743
CIELab	35.60, -5.86, -7.24
CIELCh	36, 9.318, 230.996
Yxy	8.8009, 0.2696, 0.3073
Android (android.graphics.Color)	4282537823 (0xFF42575F)
YUV	81.6330, 6.5899, -13.7101
Hunter-Lab	29.6663, -5.4620, -3.4529

Details

The Hex color **42575F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F4A42**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **738991**, and **152A31** is the 20% darker color. If you saturate the color by 10%, you get **39545F**, and if you desaturate by 10%, it is **4C5A5F**.

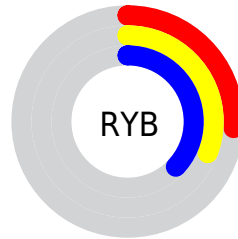
Distribution



Red (26%)

Green (34%)

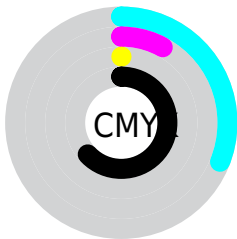
Blue (37%)



Red (26%)

Yellow (31%)

Blue (37%)

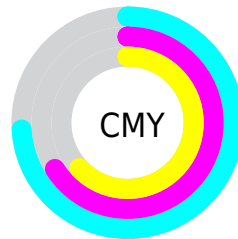


Cyan (31%)

Magenta (8%)

Yellow (0%)

Black (63%)



Cyan (74%)

Magenta (66%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42575F 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 42575F by changing the saturation by 10% instead.



42575F



42575F

FFFFFF



2B4047



738991



152A31



8DA3AC



00161C



A7BEC7



000000



C3DAE3



DFF6FF



FBFFFF



42575F



42575F



39545F



4C5A5F

■ 2F525F

■ 555C5F

■ 264F5F

■ 5F5F5F

■ 1C4D5F

■ 68615F

■ 134A5F

■ 72645F

■ 09475F

■ 7B675F

■ 00455F

■ 85695F

■ 8E6C5F

■ 986F5F

Harmonies

Analogous

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



405859



42575F



495562

Triad

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



42575F



614F56



545546

Complementary

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



42575F



5F4A42

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.



5C5245



42575F



644F4F

Square

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



42575F



5B505D



615048



4B574A

Rectangle

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



42575F



4F5362



615048



575445

Sweetspot

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



42575F



6F777A



425F4A



363B3D



BDBDBD



3D3D3D

Same Dimension

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



42575F



4D6E7A



42495F



2C2F30



005170



00AEF0

Inverse Universe

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



5F4257



7A4D6E



5F5842



302C2F



700051



F000AE

Previews

White Background



This preview shows how the Hex color 42575F 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

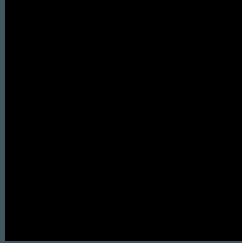
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

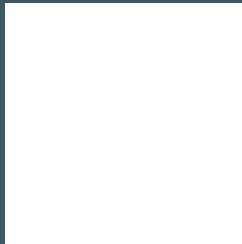
Any Text WCAG AAA × Fail

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

Hex 42575F Background



This preview shows how black text looks on a background with the Hex color 42575F.



This preview shows how white text looks on a background with the Hex color 42575F.

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
42575F

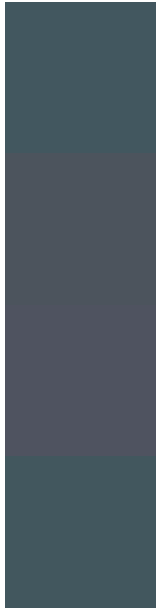
Protanopia
52535C

Deuteranopia
565160



Tritanopia
42575E

Trichromacy



Original Color
42575F

Protanomaly
4C545D

Deuteranomaly
4F5360

Tritanomaly
42575E

Monochromacy



Original Color
42575F

Achromatopsia
525252

Achromatomaly
4C5457

CSS Examples

Text

The CSS property to change the color of the text to Hex 42575F 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 #42575F looks like.

```
.text, #text, p{  
    color:#42575F  
}
```

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 #42575F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42575F
}
```

Border

The CSS property to change the border of an element to Hex 42575F is called "border". The border property can be set on classes, ids or directly on the HTML element.

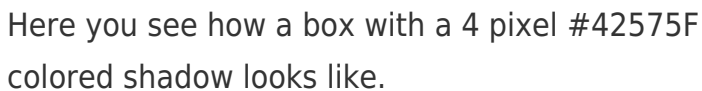
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42575F }
```

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

```
.border{ border-color:#42575F }
```

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



Here you see how a box with a 4 pixel #42575F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42575F; -webkit-box-shadow:4px 4px  
4px 4px #42575F; box-shadow:4px 4px 4px  
4px #42575F }
```

Background

The CSS property to change the background color of an element to Hex 42575F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42575F }
```

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

```
.background{ background-color:#42575F }
```

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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