

Converting Colors

Hex(442F53)

Have a look what the booklet for
Hex(442F53) contains.

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Color

Hex(442F53)

Conversions

Conversions Part 1

Format	Color
Hex	442F53
RGB	68, 47, 83
RGB Percent	27%, 18%, 33%
CMY	0.7333, 0.8157, 0.6745
CMYK	0.18, 0.43, 0.00, 0.67
HSL	275°, 28%, 25%
HSV	275°, 43%, 33%
XYZ	4.9617, 3.8865, 8.6723
YIQ	57.3830, 0.9600, 15.6480

Conversions

Conversions Part 2

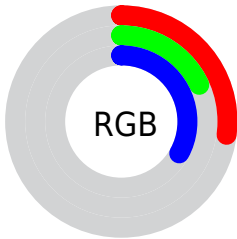
Format	Color
RYB	68, 47, 83
Decimal	4468563
CIELab	23.29, 17.50, -18.30
CIELCh	23, 25.327, 313.718
Yxy	3.8865, 0.2832, 0.2218
Android (android.graphics.Color)	4282658643 (0xFF442F53)
YUV	57.3830, 12.6292, 9.3111
Hunter-Lab	19.7142, 10.4256, -12.2817

Details

The Hex color **442F53** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3E532F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **755D85**, and **1A0026** is the 20% darker color. If you saturate the color by 10%, you get **412753**, and if you desaturate by 10%, it is **473753**.

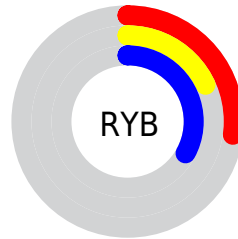
Distribution



Red (27%)

Green (18%)

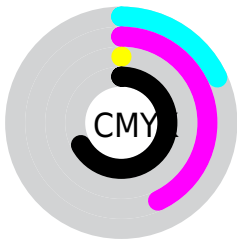
Blue (33%)



Red (27%)

Yellow (18%)

Blue (33%)

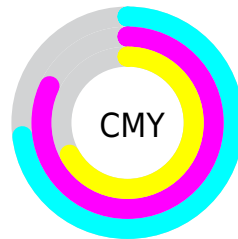


Cyan (18%)

Magenta (43%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (82%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442F53 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 442F53 by changing the saturation by 10% instead.



442F53



442F53

FFFFFF



2D1A3C



755D85



1A0026



8F769F



000110



A990BA



000000



C5AAD6



E1C6F2



FEE2FF



442F53



442F53



412753



473753

■ 3D1E53

■ 4B4053

■ 3A1653

■ 4E4853

■ 360E53

■ 525053

■ 330653

■ 555853

■ 300053

■ 596153

■ 5C6953

■ 607153

■ 637A53

Harmonies

Analogous

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



26375C



442F53



552943

Triad

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



442F53



4B3312



004140

Complementary

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



442F53



3E532F

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.



01402C



442F53



3A3911

Square

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



442F53



572C1E



253E1B



004051

Rectangle

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



442F53



5A2736



253E1B



004139

Sweetspot

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



442F53



655D6B



2F3E53



322D36



B5B5B5



363636

Same Dimension

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



442F53



54336B



532F50



272529



3D0069



8700E8

Inverse Universe

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



532F3E



6B334B



2F5332



292526



69002C



E80061

Previews

White Background



This preview shows how the Hex color 442F53 looks on a white background.

Color Contrast Check

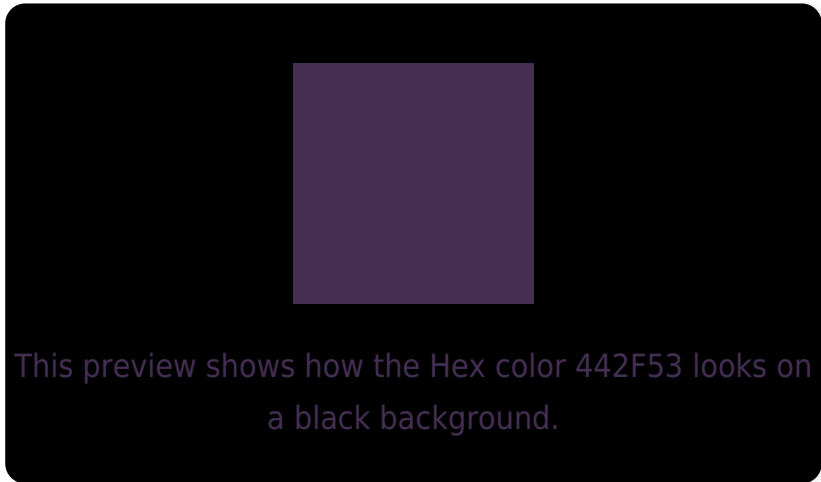
Large Text (above 18pt) WCAG AA ✓ Pass

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

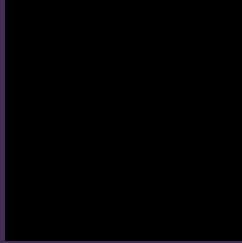
Any Text WCAG AA × Fail

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 442F53 Background



This preview shows how black text looks on a background with the Hex color 442F53.



This preview shows how white text looks on a background with the Hex color 442F53.

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
442F53

Protanopia
2A375A

Deuteranopia
2D3751



Tritanopia
403539

Trichromacy



Original Color
442F53

Protanomaly
333457

Deuteranomaly
353452

Tritanomaly
413342

Monochromacy



Original Color
442F53

Achromatopsia
393939

Achromatomaly
3D3542

CSS Examples

Text

The CSS property to change the color of the text to Hex 442F53 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 #442F53 looks like.

```
.text, #text, p{  
    color:#442F53  
}
```

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 #442F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442F53  
}
```

Border

The CSS property to change the border of an element to Hex 442F53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

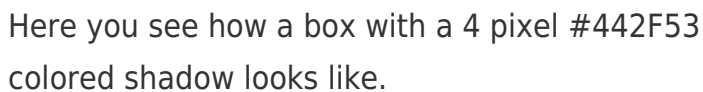
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#442F53 }
```

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

```
.border{ border-color:#442F53 }
```

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



Here you see how a box with a 4 pixel #442F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442F53; -webkit-box-shadow:4px 4px  
4px 4px #442F53; box-shadow:4px 4px 4px  
4px #442F53 }
```

Background

The CSS property to change the background color of an element to Hex 442F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442F53 }
```

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

```
.background{ background-color:#442F53 }
```

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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