

Converting Colors

Hex(424E2F)

Have a look what the booklet for
Hex(424E2F) contains.

Hex(424E2F)	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(424E2F)

Conversions

Conversions Part 1

Format	Color
Hex	424E2F
RGB	66, 78, 47
RGB Percent	26%, 31%, 18%
CMY	0.7412, 0.6941, 0.8157
CMYK	0.15, 0.00, 0.40, 0.69
HSL	83°, 25%, 25%
HSV	83°, 40%, 31%
XYZ	5.4842, 6.8123, 3.7152
YIQ	70.8780, 2.7990, -12.1850

Conversions

Conversions Part 2

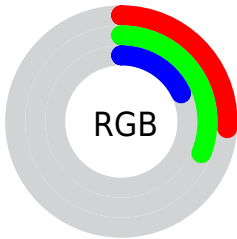
Format	Color
R_{YB}	47, 78, 59
Decimal	4345391
CIE _{Lab}	31.38, -11.00, 16.81
CIE _{LCh}	31, 20.089, 123.184
Yxy	6.8123, 0.3425, 0.4255
Android (android.graphics.Color)	4282535471 (0xFF424E2F)
YUV	70.8780, -11.7719, -4.2780
Hunter-Lab	26.1003, -8.1688, 9.8308

Details

The Hex color **424E2F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B2F4E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **727F5D**, and **182200** is the 20% darker color. If you saturate the color by 10%, you get **3F4E27**, and if you desaturate by 10%, it is **454E37**.

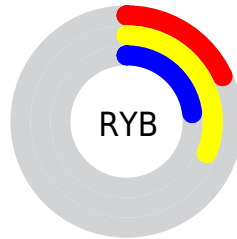
Distribution



Red (26%)

Green (31%)

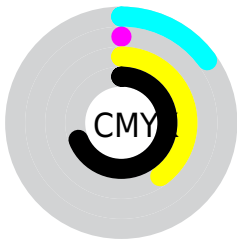
Blue (18%)



Red (18%)

Yellow (31%)

Blue (23%)

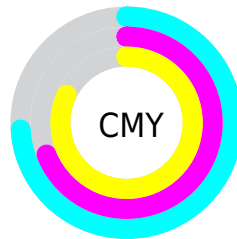


Cyan (15%)

Magenta (0%)

Yellow (40%)

Black (69%)



Cyan (74%)

Magenta (69%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 424E2F 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 424E2F by changing the saturation by 10% instead.



424E2F



424E2F

FFFFFF



2B371A



727F5D



182200



8C9976



000900



A7B490



000000



C2CFAA



DEECC6



FBFEE2



424E2F



424E2F



3F4E27



454E37

■ 3C4E1F

■ 484E3F

■ 394E18

■ 4B4E46

■ 364E10

■ 4E4E4E

■ 334E08

■ 514E56

■ 304E00

■ 544E5E

■ 574E66

■ 5A4E6D

■ 5D4E75

Harmonies

Analogous

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



53492A



424E2F



2F513B

Triad

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



424E2F



1C4F65



683E49

Complementary

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



424E2F



3B2F4E

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.



5F4058



424E2F



364B69

Square

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



424E2F



0B525A



4E4564



683F39

Rectangle

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



424E2F



215246



4E4564



663E4E

Sweetspot

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



424E2F



61665A



4E3B2F



30332C



B3B3B3



333333

Same Dimension

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



424E2F



536635



334E2F



252622



3F6600



8DE600

Inverse Universe

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



3B2F4E



483566



4A2F4E



242226



270066



5900E6

Previews

White Background



This preview shows how the Hex color 424E2F looks on a white background.

Color Contrast Check

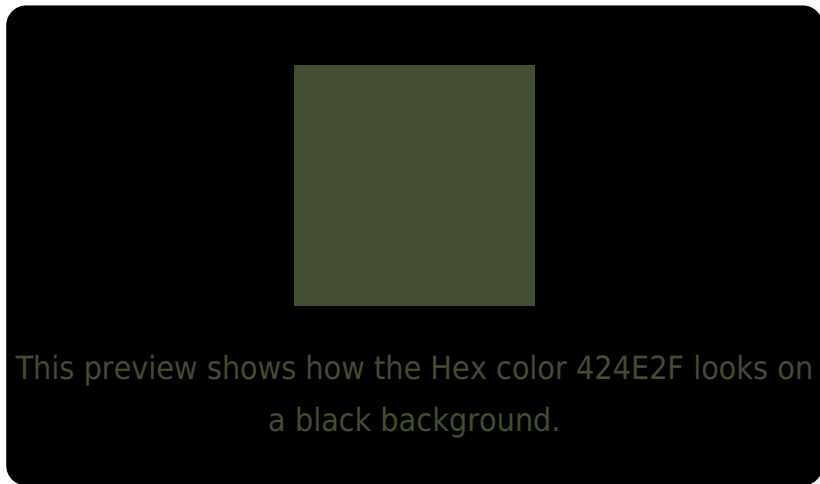
Large Text (above 18pt) WCAG AA ✓ Pass

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

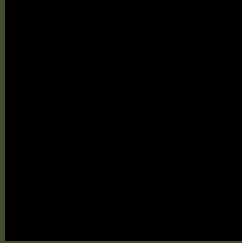
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

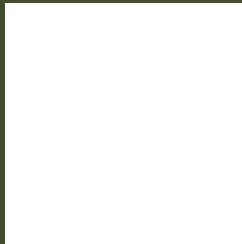
Any Text WCAG AAA × Fail

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

Hex 424E2F Background



This preview shows how black text looks on a background with the Hex color 424E2F.



This preview shows how white text looks on a background with the Hex color 424E2F.

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
424E2F

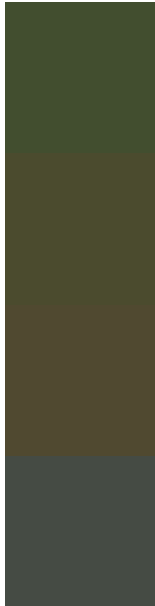
Protanopia
504A2D

Deuteranopia
584631



Tritanopia
474A50

Trichromacy



Original Color
424E2F

Protanomaly
4B4B2E

Deuteranomaly
504930

Tritanomaly
454B44

Monochromacy



Original Color
424E2F

Achromatopsia
474747

Achromatomaly
454A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 424E2F 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 #424E2F looks like.

```
.text, #text, p{  
    color:#424E2F  
}
```

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 #424E2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424E2F
}
```

Border

The CSS property to change the border of an element to Hex 424E2F 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
#424E2F }
```

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

```
.border{ border-color:#424E2F }
```

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

Here you see how a box with a 4 pixel #424E2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424E2F; -webkit-box-shadow:4px 4px  
4px 4px #424E2F; box-shadow:4px 4px 4px  
4px #424E2F }
```

Background

The CSS property to change the background color of an element to Hex 424E2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424E2F }
```

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

```
.background{ background-color:#424E2F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor