

Converting Colors

Hex(41684F)

Have a look what the booklet for
Hex(41684F) contains.

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Color

Hex(41684F)

Conversions

Conversions Part 1

Format	Color
Hex	41684F
RGB	65, 104, 79
RGB Percent	25%, 41%, 31%
CMY	0.7451, 0.5922, 0.6902
CMYK	0.38, 0.00, 0.24, 0.59
HSL	142°, 23%, 33%
HSV	142°, 38%, 41%
XYZ	8.5416, 11.5890, 9.1838
YIQ	89.4890, -15.2190, -16.0430

Conversions

Conversions Part 2

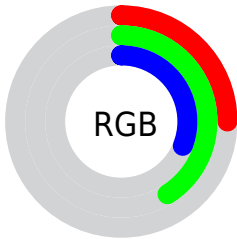
Format	Color
RYB	65, 94, 104
Decimal	4286543
CIELab	40.56, -19.81, 9.80
CIELCh	41, 22.103, 153.685
Yxy	11.5890, 0.2914, 0.3953
Android (android.graphics.Color)	4282476623 (0xFF41684F)
YUV	89.4890, -5.1711, -21.4769
Hunter-Lab	34.0426, -14.7873, 7.8348

Details

The Hex color **41684F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68415A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **729B80**, and **123923** is the 20% darker color. If you saturate the color by 10%, you get **376848**, and if you desaturate by 10%, it is **4B6856**.

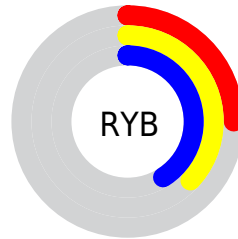
Distribution



Red (25%)

Green (41%)

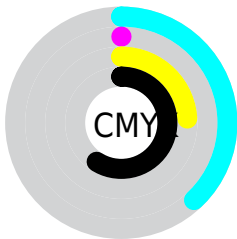
Blue (31%)



Red (25%)

Yellow (37%)

Blue (41%)

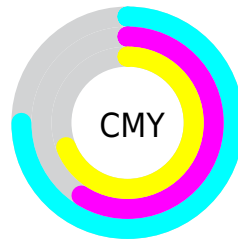


Cyan (38%)

Magenta (0%)

Yellow (24%)

Black (59%)



Cyan (75%)

Magenta (59%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41684F 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 41684F by changing the saturation by 10% instead.



41684F



41684F

FFFFFF



295038



729B80



123923



8CB69A



00230D



A7D2B5



000400



C3EED1



000000



DFFFED



FCFFFF



41684F



41684F



376848



4B6856

■ 2C6842

■ 56685C

■ 22683B

■ 606863

■ 176834

■ 6B686A

■ 0D682E

■ 756870

■ 036827

■ 7F6877

■ 006825

■ 8A687E

■ 946884

■ 9F688B

Harmonies

Analogous

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



566441



41684F



2C6961

Triad

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



41684F



4A6183



82544C

Complementary

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



41684F



68415A

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.



82525E



41684F



655A7E

Square

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



41684F



2F6680



785470



795940

Rectangle

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



41684F



21696D



785470



835352

Sweetspot

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



41684F



78877E



5A6841



3C453F



C4C4C4



454545

Same Dimension

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



41684F



4A8760



416862



2E3330



007329



00F257

Inverse Universe

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



68415A



874A71



684147



332E31



73004A



F2009B

Previews

White Background



This preview shows how the Hex color 41684F looks on a white background.

Color Contrast Check

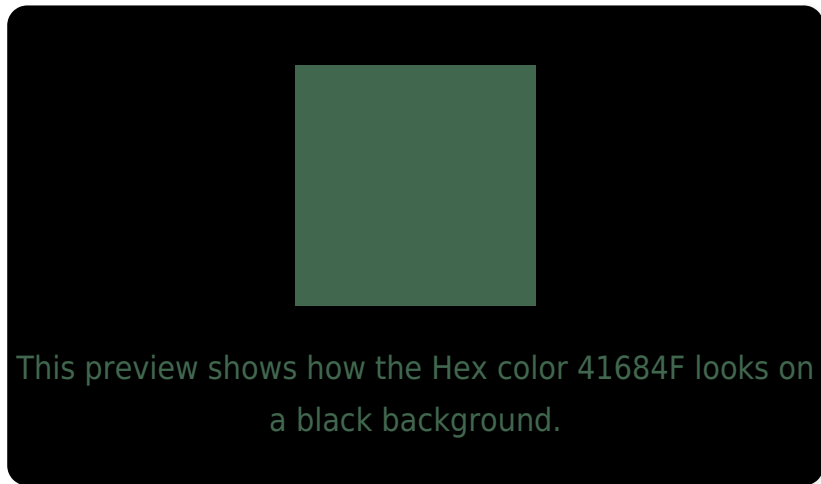
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

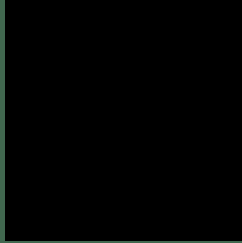
Any Text WCAG AA × Fail

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 41684F Background



This preview shows how black text looks on a background with the Hex color 41684F.



This preview shows how white text looks on a background with the Hex color 41684F.

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
41684F

Protanopia
655F4B

Deuteranopia
6D5C52



Tritanopia
47646C

Trichromacy



Original Color
41684F

Protanomaly
58624C

Deuteranomaly
5D6051

Tritanomaly
456561

Monochromacy



Original Color
41684F

Achromatopsia
595959

Achromatomaly
505E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 41684F 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 #41684F looks like.

```
.text, #text, p{  
    color:#41684F  
}
```

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 #41684F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41684F
}
```

Border

The CSS property to change the border of an element to Hex 41684F 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
#41684F }
```

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

```
.border{ border-color:#41684F }
```

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

Here you see how a box with a 4 pixel #41684F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41684F; -webkit-box-shadow:4px 4px  
4px 4px #41684F; box-shadow:4px 4px 4px  
4px #41684F }
```

Background

The CSS property to change the background color of an element to Hex 41684F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41684F }
```

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

```
.background{ background-color:#41684F }
```

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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