

Converting Colors

Hex(41675B)

Have a look what the booklet for
Hex(41675B) contains.

Hex(41675B)	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(41675B)

Conversions

Conversions Part 1

Format	Color
Hex	41675B
RGB	65, 103, 91
RGB Percent	25%, 40%, 36%
CMY	0.7451, 0.5961, 0.6431
CMYK	0.37, 0.00, 0.12, 0.60
HSL	161°, 23%, 33%
HSV	161°, 37%, 40%
XYZ	8.9185, 11.5796, 11.6626
YIQ	90.2700, -18.7960, -11.7880

Conversions

Conversions Part 2

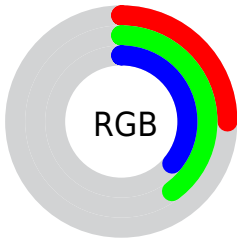
Format	Color
R_{YB}	65, 88, 103
Decimal	4286299
CIE _{Lab}	40.54, -16.50, 2.50
CIE _{LCh}	41, 16.689, 171.381
Yxy	11.5796, 0.2773, 0.3601
Android (android.graphics.Color)	4282476379 (0xFF41675B)
YUV	90.2700, 0.3599, -22.1618
Hunter-Lab	34.0289, -12.7679, 3.5000




Details

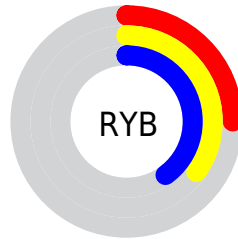
The Hex color **41675B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67414D**, and the grayscale version is **5A5A5A**.




A 20% lighter version of the original color is **729A8D**, and **12382D** is the 20% darker color. If you saturate the color by 10%, you get **376758**, and if you desaturate by 10%, it is **4B675E**.

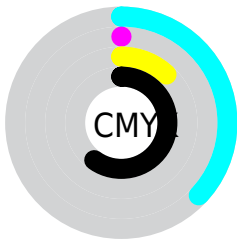
Distribution







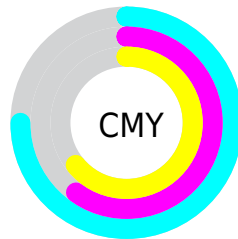
-  Red (25%)
-  Green (40%)
-  Blue (36%)






-  Red (25%)
-  Yellow (35%)
-  Blue (40%)



-  Cyan (37%)
-  Magenta (0%)
-  Yellow (12%)
-  Black (60%)



-  Cyan (75%)
-  Magenta (60%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41675B 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 41675B by changing the saturation by 10% instead.



41675B



41675B

FFFFFF



294F44



729A8D



12382D



8CB5A7



002219



A7D1C3



000400



C3EDDF



000000



DFFFFB



FCFFFF



41675B



41675B



376758



4B675E

■ 2C6754

■ 566762

■ 226751

■ 606765

■ 18674E

■ 6A6768

■ 0D674B

■ 75676B

■ 036747

■ 7F676F

■ 006746

■ 896772

■ 936775

■ 9E6778

Harmonies

Analogous

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



50654E



41675B



386769

Triad

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



41675B



5C5D79



77594B

Complementary

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



41675B



67414D

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.



7B5656



41675B



6D5971

Square

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



41675B



49627A



785664



6D5D45

Rectangle

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



41675B



386671



785664



79584E

Sweetspot

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



41675B



788782



4D6741



3C4542



C4C4C4



454545

Same Dimension

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



41675B



4C8774



416067



2E3331



00734F



00F2A6

Inverse Universe

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



67414D



874C5E



674841



332E30



730024



F2004D

Previews

White Background



This preview shows how the Hex color 41675B looks on a white background.

Color Contrast Check

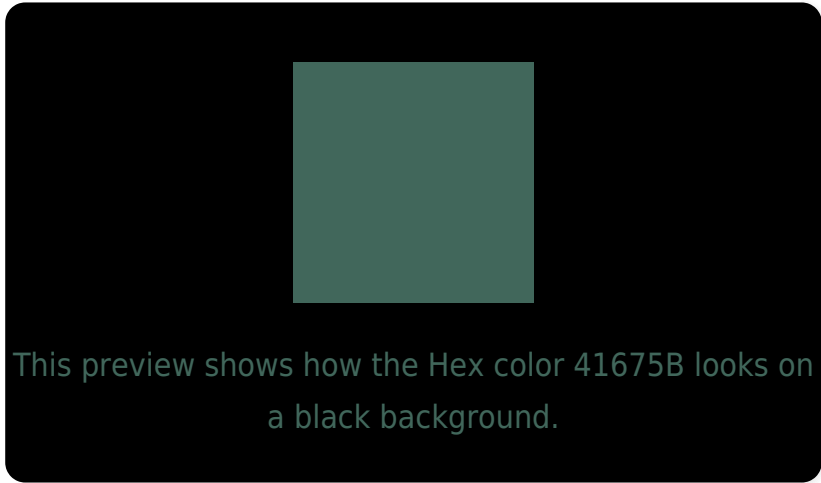
Large Text (above 18pt) WCAG AA ✓ Pass

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

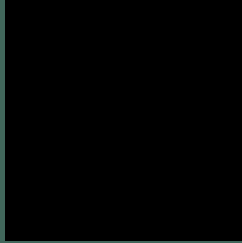
Any Text WCAG AA × Fail

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 41675B Background



This preview shows how black text looks on a background with the Hex color 41675B.



This preview shows how white text looks on a background with the Hex color 41675B.

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
41675B

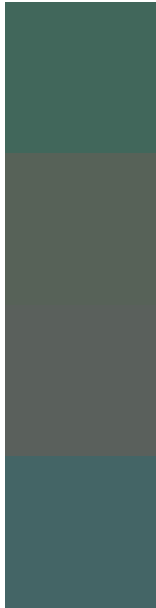
Protanopia
635F57

Deuteranopia
695C5D



Tritanopia
45646D

Trichromacy



Original Color
41675B

Protanomaly
576258

Deuteranomaly
5A605C

Tritanomaly
446566

Monochromacy



Original Color
41675B

Achromatopsia
5A5A5A

Achromatomaly
515F5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 41675B 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 #41675B looks like.

```
.text, #text, p{  
    color:#41675B  
}
```

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 #41675B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41675B
}
```

Border

The CSS property to change the border of an element to Hex 41675B 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".

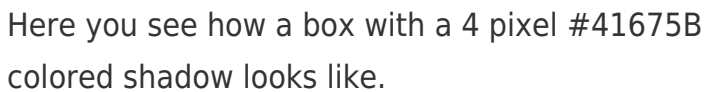
```
.border, #border, table{ border:4px solid
#41675B }
```

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

```
.border{ border-color:#41675B }
```

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

Here you see how a box with a 4 pixel #41675B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41675B; -webkit-box-shadow:4px 4px  
4px 4px #41675B; box-shadow:4px 4px 4px  
4px #41675B }
```

Background

The CSS property to change the background color of an element to Hex 41675B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41675B }
```

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

```
.background{ background-color:#41675B }
```

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