

# Converting Colors

Hex(42645B)

Have a look what the booklet for  
Hex(42645B) contains.

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# Color

**Hex(42645B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	42645B
RGB	66, 100, 91
RGB Percent	26%, 39%, 36%
CMY	0.7412, 0.6078, 0.6431
CMYK	0.34, 0.00, 0.09, 0.61
HSL	164°, 20%, 33%
HSV	164°, 34%, 39%
XYZ	8.6923, 11.0279, 11.5680
YIQ	88.8080, -17.3750, -10.0070

# Conversions

## Conversions Part 2

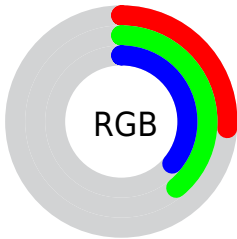
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 86, 100
Decimal	4351067
CIELab	39.63, -14.50, 1.18
CIELCh	40, 14.553, 175.330
Yxy	11.0279, 0.2778, 0.3525
Android (android.graphics.Color)	4282541147 (0xFF42645B)
YUV	88.8080, 1.0807, -20.0026
Hunter-Lab	33.2083, -11.3922, 2.5924

# Details

The Hex color **42645B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **64424B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **73978D**, and **14352D** is the 20% darker color. If you saturate the color by 10%, you get **386458**, and if you desaturate by 10%, it is **4C645E**.

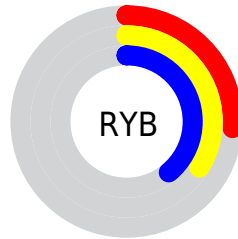
# Distribution



Red (26%)

Green (39%)

Blue (36%)



Red (26%)

Yellow (34%)

Blue (39%)

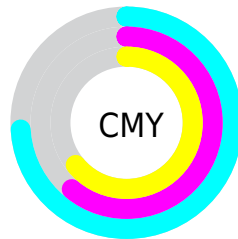


Cyan (34%)

Magenta (0%)

Yellow (9%)

Black (61%)



Cyan (74%)

Magenta (61%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42645B 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 42645B by changing the saturation by 10% instead.





42645B



42645B

FFFFFF



2B4C44



73978D



14352D



8DB2A7



002019



A8CDC3



000000



C3E9DF



DFFFFB



FFFFFF



42645B



42645B



386458



4C645E

■ 2E6456

■ 566460

■ 246453

■ 606463

■ 1A6450

■ 6A6466

■ 10644E

■ 746468

■ 06644B

■ 7E646B

■ 00644A

■ 88646E

■ 926470

■ 9C6473

# Harmonies

## Analogous

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



4E6350



42645B



3C6467

# Triad

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



42645B



5D5B73



71584A

# Complementary

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



42645B



64424B

# 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.



765554



42645B



6B576B

# Square

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



42645B



4D5F75



745560



685C46

# Rectangle

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



42645B



3D636E



745560



73574D



# Sweetspot

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



42645B



75827F



4B6442



3A4240



C2C2C2



424242



# Same Dimension

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



42645B



4D8274



425C64



2E3332



007354



00F2B2



# Inverse Universe

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



64424B



824D5B



644A42



332E2F



73001E



F20040



# Previews

## White Background



This preview shows how the Hex color 42645B looks on a white background.

## Color Contrast Check

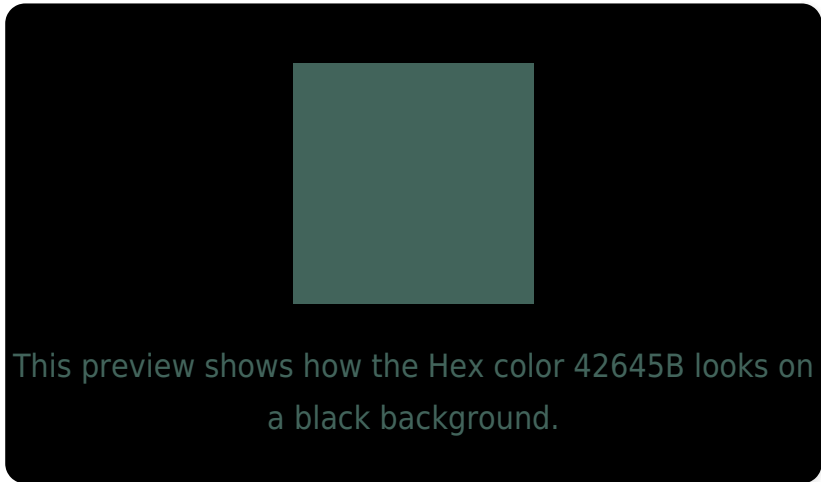
Large Text (above 18pt) WCAG AA ✓ Pass

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

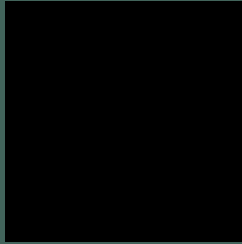
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 42645B Background



This preview shows how black text looks on a background with the Hex color 42645B.

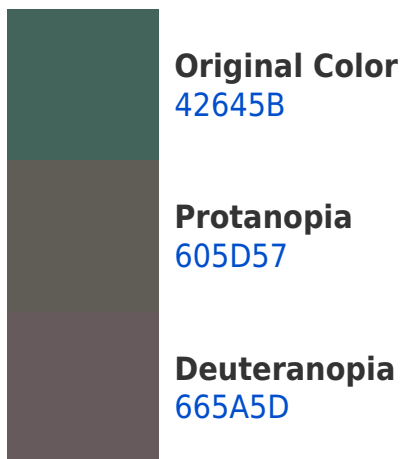


This preview shows how white text looks on a background with the Hex color 42645B.

# 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](#).

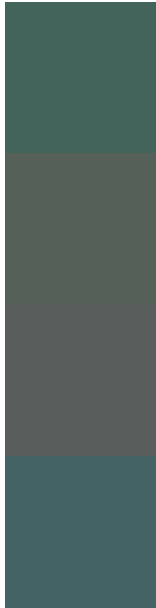
## Dichromacy





**Tritanopia**  
45626A

# Trichromacy



**Original Color**  
42645B

**Protanomaly**  
556058

**Deuteranomaly**  
595E5C

**Tritanomaly**  
446365

# Monochromacy



**Original Color**  
42645B

**Achromatopsia**  
595959

**Achromatomaly**  
515D5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42645B 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 #42645B looks like.

```
.text, #text, p{  
    color:#42645B  
}
```

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 #42645B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42645B
}
```

## Border

The CSS property to change the border of an element to Hex 42645B 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
#42645B }
```

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

```
.border{ border-color:#42645B }
```

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

Here you see how a box with a 4 pixel #42645B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42645B; -webkit-box-shadow:4px 4px  
4px 4px #42645B; box-shadow:4px 4px 4px  
4px #42645B }
```

# Background

The CSS property to change the background color of an element to Hex 42645B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42645B }
```

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

```
.background{ background-color:#42645B }
```

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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