

# Converting Colors

Hex(42605A)

Have a look what the booklet for  
Hex(42605A) contains.

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# Color

Hex(42605A)

# Conversions

## Conversions Part 1

Format	Color
Hex	42605A
RGB	66, 96, 90
RGB Percent	26%, 38%, 35%
CMY	0.7412, 0.6235, 0.6471
CMYK	0.31, 0.00, 0.06, 0.62
HSL	168°, 19%, 32%
HSV	168°, 31%, 38%
XYZ	8.2751, 10.2622, 11.2175
YIQ	86.3460, -15.9540, -8.2260

# Conversions

## Conversions Part 2

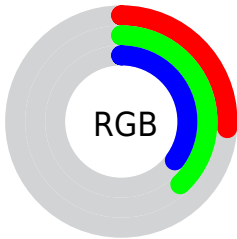
Format	Color
<a href="#">RYB</a>	<a href="#">66, 83, 96</a>
Decimal	<a href="#">4350042</a>
CIELab	<a href="#">38.31, -12.48, -0.12</a>
CIELCh	<a href="#">38, 12.485, 180.560</a>
Yxy	<a href="#">10.2622, 0.2781, 0.3449</a>
Android (android.graphics.Color)	<a href="#">4282540122</a> ( <a href="#">0xFF42605A</a> )
YUV	<a href="#">86.3460, 1.8014, -17.8434</a>
Hunter-Lab	<a href="#">32.0346, -9.9510, 1.6628</a>

# Details

The Hex color **42605A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **604248**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **73938C**, and **15322D** is the 20% darker color. If you saturate the color by 10%, you get **386058**, and if you desaturate by 10%, it is **4C605C**.

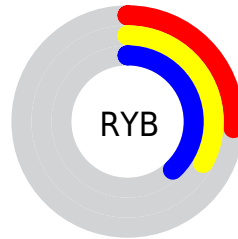
# Distribution



Red (26%)

Green (38%)

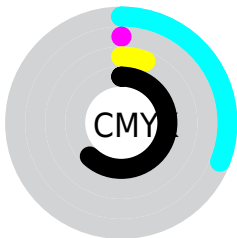
Blue (35%)



Red (26%)

Yellow (33%)

Blue (38%)

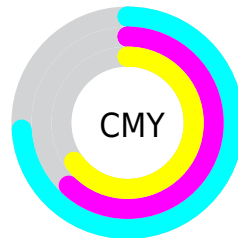


Cyan (31%)

Magenta (0%)

Yellow (6%)

Black (62%)



Cyan (74%)

Magenta (62%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42605A 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 42605A by changing the saturation by 10% instead.





42605A



42605A

FFFFFF



2B4843



73938C



15322D



8DADA6



001D18



A7C9C1



000000



C3E5DD



DFFFFA



FCFFFF



42605A



42605A



386058



4C605C

■ 2F6056

■ 55605E

■ 256054

■ 5F6060

■ 1C6052

■ 686062

■ 126050

■ 726064

■ 08604E

■ 7C6066

■ 00604D

■ 856067

■ 8F6069

■ 98606B

# Harmonies

## Analogous

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



4B5F50



42605A



3E6064

# Triad

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



42605A



5C586C



6A5649

# Complementary

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



42605A



604248

# 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.



6F5450



42605A



685564

# Square

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



42605A



4F5B6E



6E535A



625A46

# Rectangle

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



42605A



415F69



6E535A



6C554B



# Sweetspot

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



42605A



727D7B



486042



39403E



BFBFBF



404040



# Same Dimension

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



42605A



4D7D73



425760



2C302F



00705A



00F0C0



# Inverse Universe

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



604248



7D4D57



604B42



302C2D



700016



F00030



# Previews

## White Background



This preview shows how the Hex color 42605A looks on a white background.

## Color Contrast Check

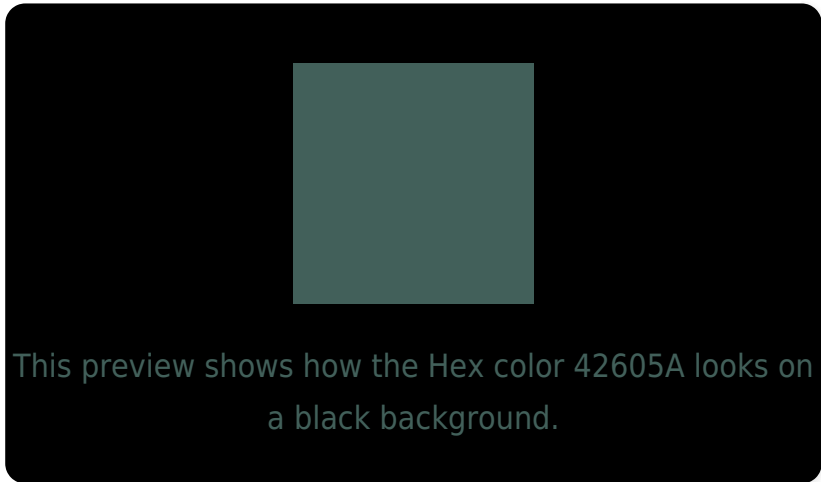
Large Text (above 18pt) WCAG AA ✓ Pass

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

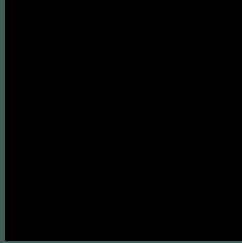
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

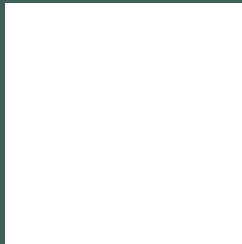
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 42605A Background



This preview shows how black text looks on a background with the Hex color 42605A.



This preview shows how white text looks on a background with the Hex color 42605A.

# 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**  
42605A

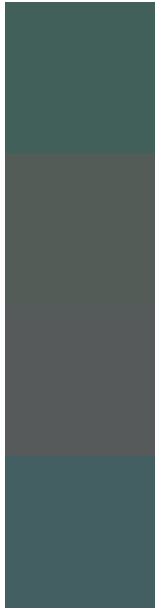
**Protanopia**  
5C5A56

**Deuteranopia**  
62575C



**Tritanopia**  
455E66

# Trichromacy



**Original Color**  
42605A

**Protanomaly**  
535C57

**Deuteranomaly**  
565A5B

**Tritanomaly**  
445F62

# Monochromacy



**Original Color**  
42605A

**Achromatopsia**  
565656

**Achromatomaly**  
4F5A57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42605A 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 #42605A looks like.

```
.text, #text, p{  
    color:#42605A  
}
```

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 #42605A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42605A
}
```

## Border

The CSS property to change the border of an element to Hex 42605A 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
#42605A }
```

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

```
.border{ border-color:#42605A }
```

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

Here you see how a box with a 4 pixel #42605A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42605A; -webkit-box-shadow:4px 4px  
4px 4px #42605A; box-shadow:4px 4px 4px  
4px #42605A }
```

# Background

The CSS property to change the background color of an element to Hex 42605A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42605A }
```

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

```
.background{ background-color:#42605A }
```

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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