

# Converting Colors

Hex(45625B)

Have a look what the booklet for  
Hex(45625B) contains.

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# Color

Hex(45625B)

# Conversions

## Conversions Part 1

Format	Color
Hex	45625B
RGB	69, 98, 91
RGB Percent	27%, 38%, 36%
CMY	0.7294, 0.6157, 0.6431
CMYK	0.30, 0.00, 0.07, 0.62
HSL	166°, 17%, 33%
HSV	166°, 30%, 38%
XYZ	8.7103, 10.7559, 11.5145
YIQ	88.5310, -15.0370, -8.3250

# Conversions

## Conversions Part 2

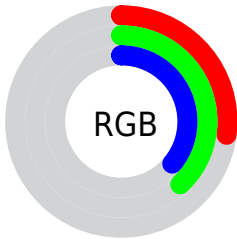
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 85, 98
Decimal	4547163
CIELab	39.17, -12.36, 0.54
CIElCh	39, 12.373, 177.518
Yxy	10.7559, 0.2812, 0.3472
Android (android.graphics.Color)	4282737243 (0xFF45625B)
YUV	88.5310, 1.2172, -17.1287
Hunter-Lab	32.7962, -9.9860, 2.1410

# Details

The Hex color **45625B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62454C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **76958D**, and **18332D** is the 20% darker color. If you saturate the color by 10%, you get **3B6259**, and if you desaturate by 10%, it is **4F625D**.

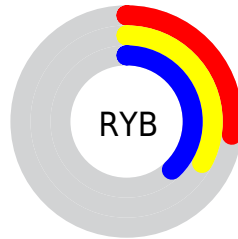
# Distribution



Red (27%)

Green (38%)

Blue (36%)



Red (27%)

Yellow (33%)

Blue (38%)

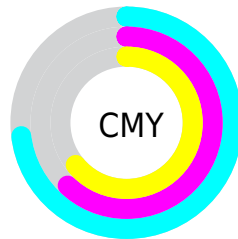


Cyan (30%)

Magenta (0%)

Yellow (7%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 45625B 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 45625B by changing the saturation by 10% instead.



 45625B

 45625B

FFFFFF

 2E4A44

 76958D

 18332D

 90AFA7

 011E19

 ABCBC3

 000000

 C6E7DF


 E2FFFB

 45625B

 45625B

 3B6259

 4F625D

 316256

 596260

■ 286254

■ 626262

■ 1E6252

■ 6C6264

■ 14624F

■ 766267

■ 0A624D

■ 806269

■ 00624A

■ 8A626C

■ 93626E

■ 9D6270

# Harmonies

## Analogous

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



4F6151



45625B



416265

# Triad

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



45625B



5D5A6E



6D584C

# Complementary

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



45625B



62454C

# 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.



715653



45625B



695767

# Square

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



45625B



505D70



70555D



655B48

# Rectangle

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



45625B



43616B



70555D



6F574E



# Sweetspot

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



45625B



74807D



4C6245



39403E



BFBFBF



404040



# Same Dimension

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



45625B



528074



455B62



2C302F



007055



00F0B6



# Inverse Universe

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



62454C



80525D



624C45



302C2D



70001B



F0003A



# Previews

## White Background



This preview shows how the Hex color 45625B looks on a white background.

## Color Contrast Check

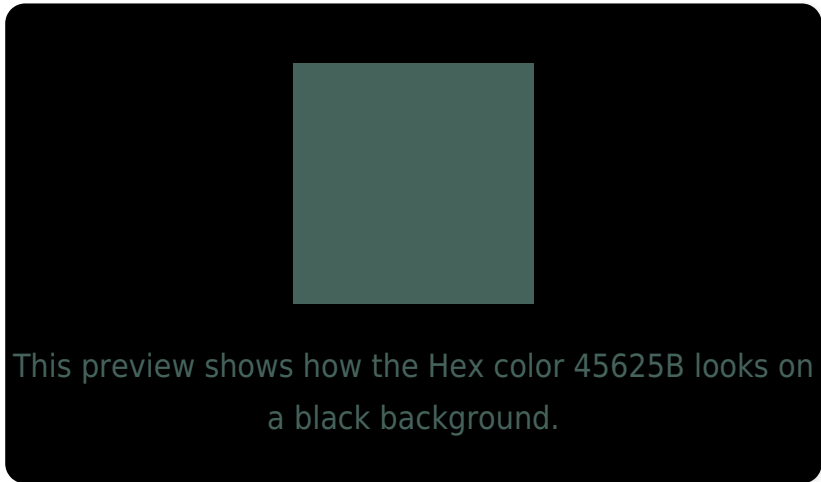
Large Text (above 18pt) WCAG AA ✓ Pass

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

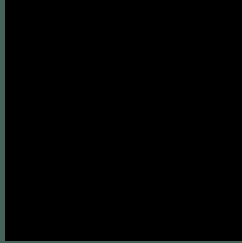
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 45625B Background



This preview shows how black text looks on a background with the Hex color 45625B.

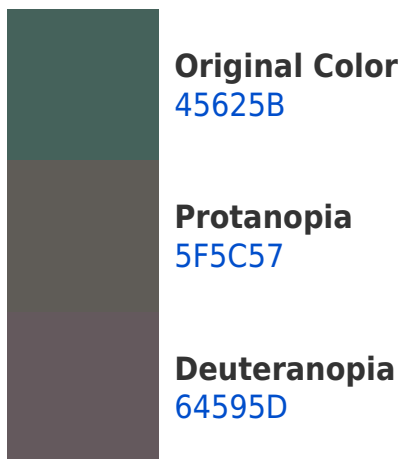


This preview shows how white text looks on a background with the Hex color 45625B.

# 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](#).

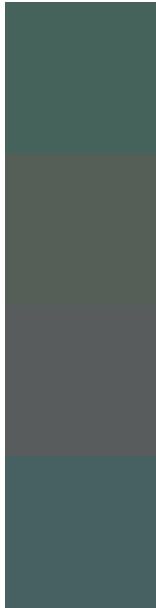
## Dichromacy





**Tritanopia**  
486068

# Trichromacy



**Original Color**  
45625B

**Protanomaly**  
565E58

**Deuteranomaly**  
595C5C

**Tritanomaly**  
476163

# Monochromacy



**Original Color**  
45625B

**Achromatopsia**  
595959

**Achromatomaly**  
525C5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 45625B 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 #45625B looks like.

```
.text, #text, p{  
    color:#45625B  
}
```

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 #45625B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45625B
}
```

## Border

The CSS property to change the border of an element to Hex 45625B 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
#45625B }
```

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

```
.border{ border-color:#45625B }
```

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

Here you see how a box with a 4 pixel #45625B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45625B; -webkit-box-shadow:4px 4px  
4px 4px #45625B; box-shadow:4px 4px 4px  
4px #45625B }
```

# Background

The CSS property to change the background color of an element to Hex 45625B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45625B }
```

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

```
.background{ background-color:#45625B }
```

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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