

# Converting Colors

Hex(68585E)

Have a look what the booklet for  
Hex(68585E) contains.

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# Color

**Hex(68585E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	68585E
RGB	104, 88, 94
RGB Percent	41%, 35%, 37%
CMY	0.5922, 0.6549, 0.6314
CMYK	0.00, 0.15, 0.10, 0.59
HSL	338°, 8%, 38%
HSV	338°, 15%, 41%
XYZ	11.2190, 10.7307, 12.0696
YIQ	93.4680, 7.6100, 5.2580

# Conversions

## Conversions Part 2

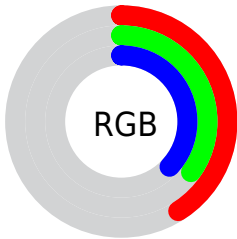
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 88, 94
Decimal	6838366
CIE Lab	39.12, 7.67, -1.03
CIE LCh	39, 7.739, 352.317
Yxy	10.7307, 0.3298, 0.3154
Android (android.graphics.Color)	4285028446 (0xFF68585E)
YUV	93.4680, 0.2623, 9.2366
Hunter-Lab	32.7577, 3.8077, 1.0849




# Details

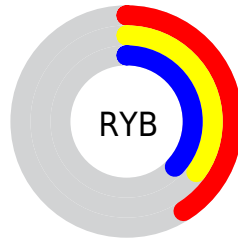
The Hex color **68585E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **586862**, and the grayscale version is **5D5D5D**.




A 20% lighter version of the original color is **9B8A90**, and **392B30** is the 20% darker color. If you saturate the color by 10%, you get **684E58**, and if you desaturate by 10%, it is **686265**.

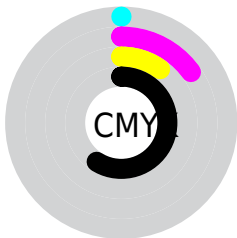
# Distribution







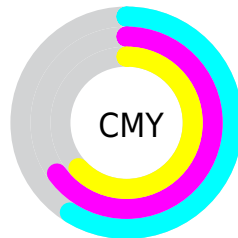
-  Red (41%)
-  Green (35%)
-  Blue (37%)






-  Red (41%)
-  Yellow (35%)
-  Blue (37%)



-  Cyan (0%)
-  Magenta (15%)
-  Yellow (10%)
-  Black (59%)



-  Cyan (59%)
-  Magenta (65%)
-  Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68585E 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 68585E by changing the saturation by 10% instead.



68585E

68585E

FFFFFF

504146

9B8A90

392B30

B6A4AB

23161B

D2BFC6

0A0000

EEDBE2

000000

FFF8FF

68585E

68585E

684E58

686265

684351

686D6B

68394B

687772

682E44

688278

68243E

688C7E

681A37

689685

680F30

68A18B

68052A

68AB92

680027

68B699

# Harmonies

## Analogous

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



635964



68585E



6A5858

# Triad

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



68585E



5C5D50



4E5F66

# Complementary

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



68585E



586862

# 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.



4C6061



68585E



555F54

# Square

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



68585E



635B50



4F605A



545D68

# Rectangle

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



68585E



695954



4F605A



4D5F64



# Sweetspot

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



68585E



878083



625868



454142



C4C4C4



454545



# Same Dimension

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



68585E



876F78



685A58



332E30



73002B



F2005B



# Inverse Universe

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



68585E



876F78



586668



332E30



73002B



F2005B



# Previews

## White Background



This preview shows how the Hex color 68585E looks on a white background.

## Color Contrast Check

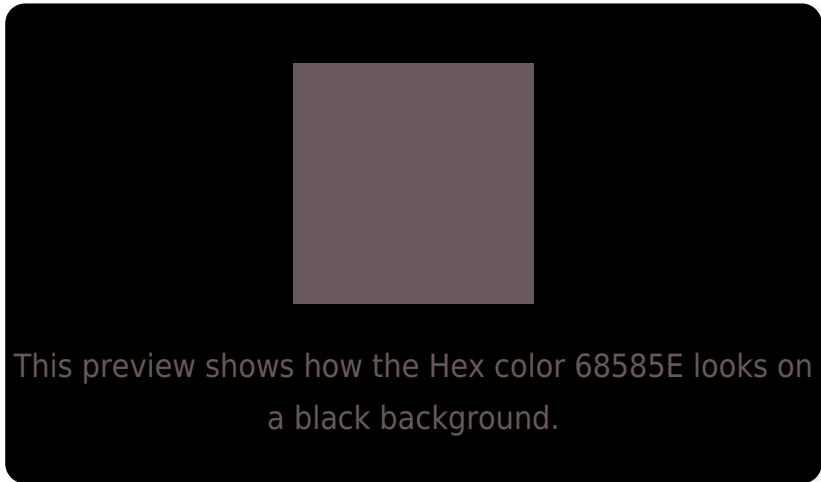
Large Text (above 18pt) WCAG AA ✓ Pass

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

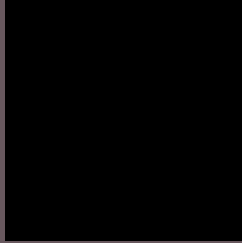
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 68585E Background



This preview shows how black text looks on a background with the Hex color 68585E.



This preview shows how white text looks on a background with the Hex color 68585E.

# 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](#).

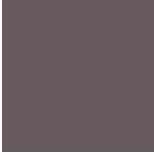
## Dichromacy



**Original Color**  
68585E

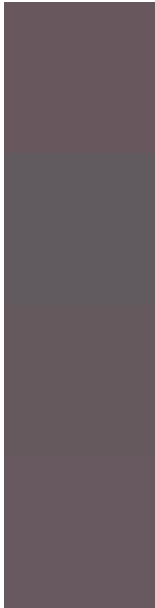
**Protanopia**  
5D5C60

**Deuteranopia**  
64595E



**Tritanopia**  
68585F

# Trichromacy



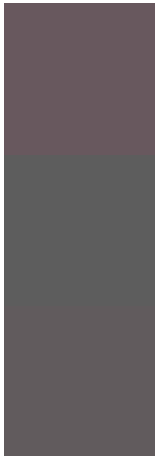
**Original Color**  
68585E

**Protanomaly**  
615B5F

**Deuteranomaly**  
65595E

**Tritanomaly**  
68585F

# Monochromacy



**Original Color**  
68585E

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
615B5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68585E 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 #68585E looks like.

```
.text, #text, p{  
    color:#68585E  
}
```

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 #68585E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68585E
}
```

## Border

The CSS property to change the border of an element to Hex 68585E is called "border". The border property can be set on classes, ids or directly on the HTML element.

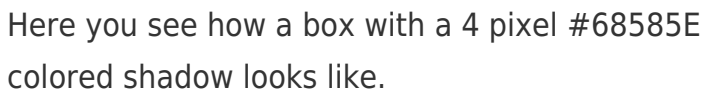
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68585E }
```

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

```
.border{ border-color:#68585E }
```

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



Here you see how a box with a 4 pixel #68585E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68585E; -webkit-box-shadow:4px 4px  
4px 4px #68585E; box-shadow:4px 4px 4px  
4px #68585E }
```

# Background

The CSS property to change the background color of an element to Hex 68585E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68585E }
```

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

```
.background{ background-color:#68585E }
```

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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