

# Converting Colors

Hex(75565D)

Have a look what the booklet for  
Hex(75565D) contains.

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**Color**

**Hex(75565D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75565D
RGB	117, 86, 93
RGB Percent	46%, 34%, 36%
CMY	0.5412, 0.6627, 0.6353
CMYK	0.00, 0.26, 0.21, 0.54
HSL	346°, 15%, 40%
HSV	346°, 26%, 46%
XYZ	12.6397, 11.2278, 11.8569
YIQ	96.0670, 16.2290, 8.7490

# Conversions

## Conversions Part 2

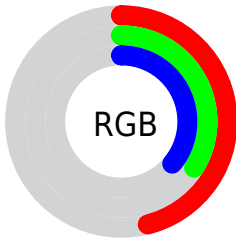
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 86, 93
Decimal	7689821
CIE <sub>Lab</sub>	39.96, 14.00, 0.98
CIE <sub>LCh</sub>	40, 14.034, 3.999
Yxy	11.2278, 0.3538, 0.3143
Android (android.graphics.Color)	4285879901 (0xFF75565D)
YUV	96.0670, -1.5120, 18.3582
Hunter-Lab	33.5079, 8.6941, 2.4755

# Details

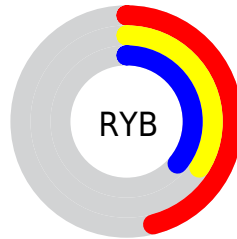
The Hex color **75565D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **56756E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AA888F**, and **44282F** is the 20% darker color. If you saturate the color by 10%, you get **754A54**, and if you desaturate by 10%, it is **756266**.

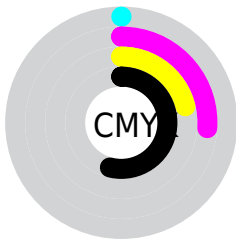
# Distribution



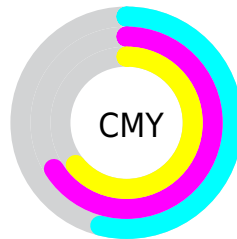
- Red (46%)
- Green (34%)
- Blue (36%)



- Red (46%)
- Yellow (34%)
- Blue (36%)



- Cyan (0%)
- Magenta (26%)
- Yellow (21%)
- Black (54%)



- Cyan (54%)
- Magenta (66%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75565D 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 75565D by changing the saturation by 10% instead.



 75565D

 75565D

FFFFFF

 5C3F45

 AA888F

 44282F

 C5A2AA

 2D141A

 E1BDC5

 1B0001

 FED9E1

 000000

 FFF6FD

 75565D

 75565D

 754A54

 756266

 753F4B

 756D6F

 753342

 757978

 752739

 758581

 751C30

 75918A

 751027

 759C93

 75041E

 75A89C

 75001A

 75B4A5

 75BFAF

# Harmonies

## Analogous

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



6E5768



75565D



755752

# Triad

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



75565D



59614B



456272

# Complementary

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



75565D



56756E

# 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.



3E646B



75565D



4C6454

# Square

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



75565D



655E47



41655F



535F75

# Rectangle

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



75565D



72594C



41655F



426370



# Sweetspot

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



75565D



998D90



6E5675



4D4547



CCCCCC



4D4D4D



# Same Dimension

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



75565D



996873



755E56



3B3536



7A001C



FA0038



# Inverse Universe

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



75565D



996873



566D75



3B3536



7A001C

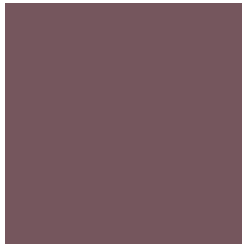


FA0038



# Previews

## White Background



This preview shows how the Hex color 75565D looks on a white background.

## Color Contrast Check

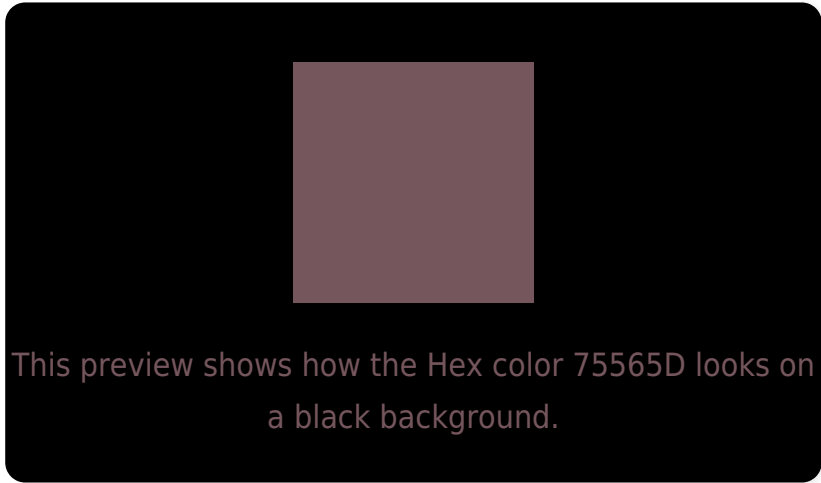
Large Text (above 18pt) WCAG AA ✓ Pass

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

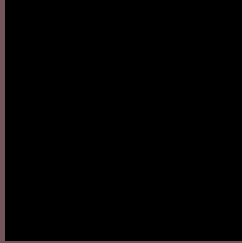
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 75565D Background



This preview shows how black text looks on a background with the Hex color 75565D.



This preview shows how white text looks on a background with the Hex color 75565D.

# 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**  
75565D

**Protanopia**  
5F5E62

**Deuteranopia**  
685B5C



**Tritanopia**  
75565D

# Trichromacy



**Original Color**  
75565D

**Protanomaly**  
675B60

**Deuteranomaly**  
6D595C

**Tritanomaly**  
75565D

# Monochromacy



**Original Color**  
75565D

**Achromatopsia**  
606060

**Achromatomaly**  
685C5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75565D 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 #75565D looks like.

```
.text, #text, p{  
    color:#75565D  
}
```

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 #75565D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75565D
}
```

## Border

The CSS property to change the border of an element to Hex 75565D 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".

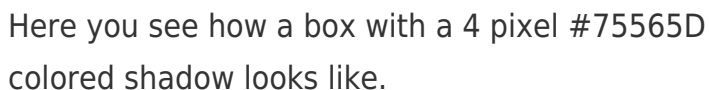
```
.border, #border, table{ border:4px solid
#75565D }
```

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

```
.border{ border-color:#75565D }
```

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

Here you see how a box with a 4 pixel #75565D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75565D; -webkit-box-shadow:4px 4px  
4px 4px #75565D; box-shadow:4px 4px 4px  
4px #75565D }
```

# Background

The CSS property to change the background color of an element to Hex 75565D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75565D }
```

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

```
.background{ background-color:#75565D }
```

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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