

Converting Colors

Hex(65767D)

Have a look what the booklet for
Hex(65767D) contains.

Hex(65767D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(65767D)

Conversions

Conversions Part 1

Format	Color
Hex	65767D
RGB	101, 118, 125
RGB Percent	40%, 46%, 49%
CMY	0.6039, 0.5373, 0.5098
CMYK	0.19, 0.06, 0.00, 0.51
HSL	197°, 11%, 44%
HSV	197°, 19%, 49%
XYZ	15.5469, 17.2042, 21.9034
YIQ	113.7150, -12.3790, -1.4270

Conversions

Conversions Part 2

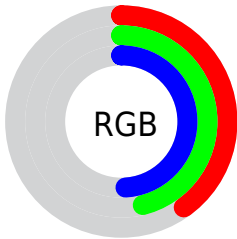
Format	Color
R_{YB}	101, 111, 125
Decimal	6649469
CIE _{Lab}	48.52, -4.64, -5.95
CIE _{LCh}	49, 7.548, 232.054
Yxy	17.2042, 0.2845, 0.3148
Android (android.graphics.Color)	4284839549 (0xFF65767D)
YUV	113.7150, 5.5635, -11.1511
Hunter-Lab	41.4780, -5.6805, -2.2748

Details

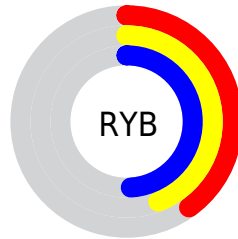
The Hex color **65767D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D6C65**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **98AAB2**, and **36464C** is the 20% darker color. If you saturate the color by 10%, you get **59727D**, and if you desaturate by 10%, it is **727A7D**.

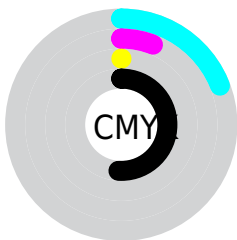
Distribution



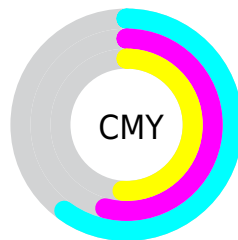
- Red (40%)
- Green (46%)
- Blue (49%)



- Red (40%)
- Yellow (44%)
- Blue (49%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (60%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65767D 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 65767D by changing the saturation by 10% instead.

■ 65767D

■ 65767D

FFFFFF

■ 4D5D64

■ 98AAB2

■ 36464C

■ B3C5CD

■ 202F36

■ CFE1E9

■ 0B1B20

■ EBFEEF

■ 000008

■ 000000

■ 65767D

■ 65767D

■ 59727D

■ 727A7D

■ 4C6F7D

■ 7E7D7D

406B7D

8B817D

33677D

97857D

26647D

A4887D

1A607D

B08C7D

0D5C7D

BC907D

01597D

C9937D

00597D

D5977D

Harmonies

Analogous

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



637778



65767D



6B7480

Triad

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



65767D



7F6F75



737467

Complementary

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



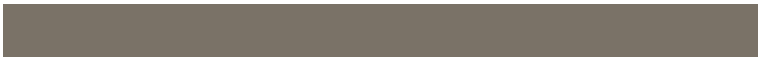
65767D



7D6C65

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.



7A7267



65767D



816F6F

Square

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



65767D



7A707B



7F7069



6C766B

Rectangle

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



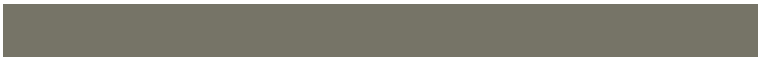
65767D



707380



7F7069



767467

Sweetspot

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



65767D



99A0A3



657D6C



4C5052



D1D1D1



525252

Same Dimension

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



65767D



7E98A3



656A7D



393E40



005A80



000000

Inverse Universe

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



7D6576



A37E98



7D7865



40393E



80005A



000000

Previews

White Background



This preview shows how the Hex color 65767D looks on a white background.

Color Contrast Check

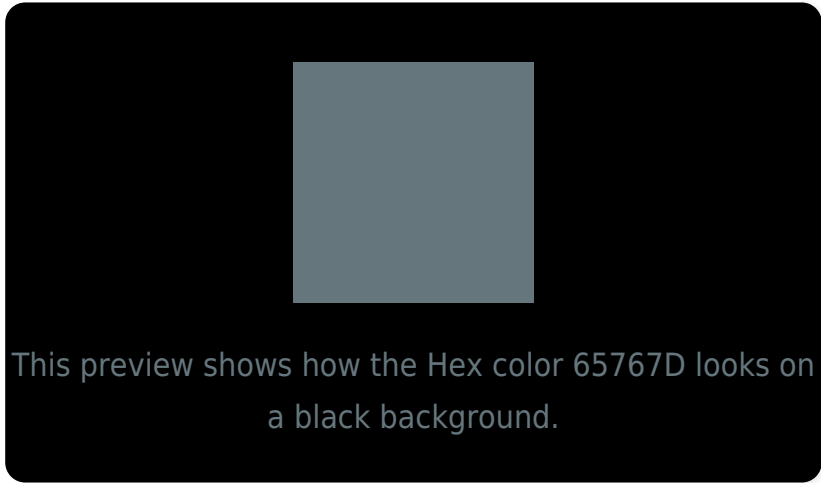
Large Text (above 18pt) WCAG AA ✓ Pass

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

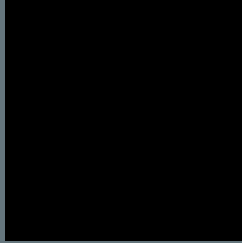
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

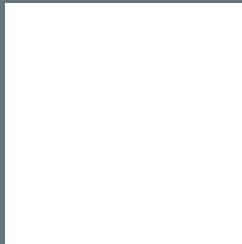
Any Text WCAG AAA × Fail

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

Hex 65767D Background



This preview shows how black text looks on a background with the Hex color 65767D.



This preview shows how white text looks on a background with the Hex color 65767D.

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](#).

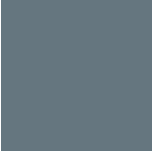
Dichromacy



Original Color
65767D

Protanopia
73727B

Deuteranopia
79707E



Tritanopia
65767F

Trichromacy



Original Color
65767D

Protanomaly
6E737C

Deuteranomaly
72727E

Tritanomaly
65767E

Monochromacy



Original Color
65767D

Achromatopsia
727272

Achromatomaly
6D7376

CSS Examples

Text

The CSS property to change the color of the text to Hex 65767D 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 #65767D looks like.

```
.text, #text, p{  
    color:#65767D  
}
```

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 #65767D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65767D
}
```

Border

The CSS property to change the border of an element to Hex 65767D 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
#65767D }
```

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

```
.border{ border-color:#65767D }
```

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

Here you see how a box with a 4 pixel #65767D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65767D; -webkit-box-shadow:4px 4px  
4px 4px #65767D; box-shadow:4px 4px 4px  
4px #65767D }
```

Background

The CSS property to change the background color of an element to Hex 65767D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65767D }
```

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

```
.background{ background-color:#65767D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor