

Converting Colors

Hex(65867D)

Have a look what the booklet for
Hex(65867D) contains.

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Color

Hex(65867D)

Conversions

Conversions Part 1

Format	Color
Hex	65867D
RGB	101, 134, 125
RGB Percent	40%, 53%, 49%
CMY	0.6039, 0.4745, 0.5098
CMYK	0.25, 0.00, 0.07, 0.47
HSL	164°, 14%, 46%
HSV	164°, 25%, 53%
XYZ	17.5936, 21.2976, 22.5856
YIQ	123.1070, -16.7790, -9.7950

Conversions

Conversions Part 2

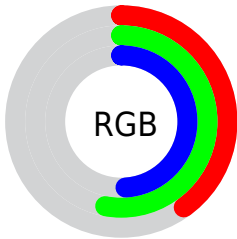
Format	Color
RYB	101, 120, 134
Decimal	6653565
CIELab	53.27, -13.64, 1.05
CIELCh	53, 13.679, 175.615
Yxy	21.2976, 0.2862, 0.3464
Android (android.graphics.Color)	4284843645 (0xFF65867D)
YUV	123.1070, 0.9332, -19.3878
Hunter-Lab	46.1493, -12.7113, 3.2878

Details

The Hex color **65867D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **86656E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **99BBB2**, and **35544C** is the 20% darker color. If you saturate the color by 10%, you get **588679**, and if you desaturate by 10%, it is **728681**.

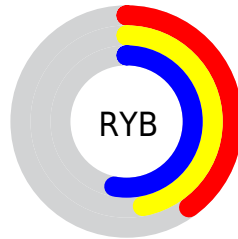
Distribution



Red (40%)

Green (53%)

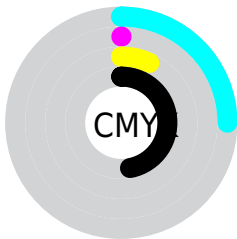
Blue (49%)



Red (40%)

Yellow (47%)

Blue (53%)

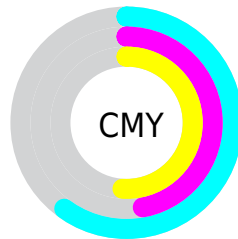


Cyan (25%)

Magenta (0%)

Yellow (7%)

Black (47%)



Cyan (60%)

Magenta (47%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65867D 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 65867D by changing the saturation by 10% instead.

65867D

65867D

FFFFFF

4D6D64

99BBB2

35544C

B4D7CD

1E3D36

CFF3E9

072720

ECFFFF

001409

000000

65867D

65867D

588679

728681

4A8676

808684

■ 3D8672

■ 8D8688

■ 2F866E

■ 9B868C

■ 22866B

■ A8868F

■ 158667

■ B58693

■ 078663

■ C38697

■ 008661

■ D0869A

■ DE869E

Harmonies

Analogous

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



708572



65867D



608689

Triad

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



65867D



7F7D94



947A6C

Complementary

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



65867D



86656E

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.



987876



65867D



8D798D

Square

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



65867D



708196



967781



8A7E68

Rectangle

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



65867D



628590



967781



96796F

Sweetspot

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



65867D



A1ADAA



6E8665



505755



D6D6D6



575757

Same Dimension

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



65867D



79AD9F



657F86



3C4240



00825F



000302

Inverse Universe

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



86656E



AD7988



866C65



423C3D



820023



030001

Previews

White Background



This preview shows how the Hex color 65867D looks on a white background.

Color Contrast Check

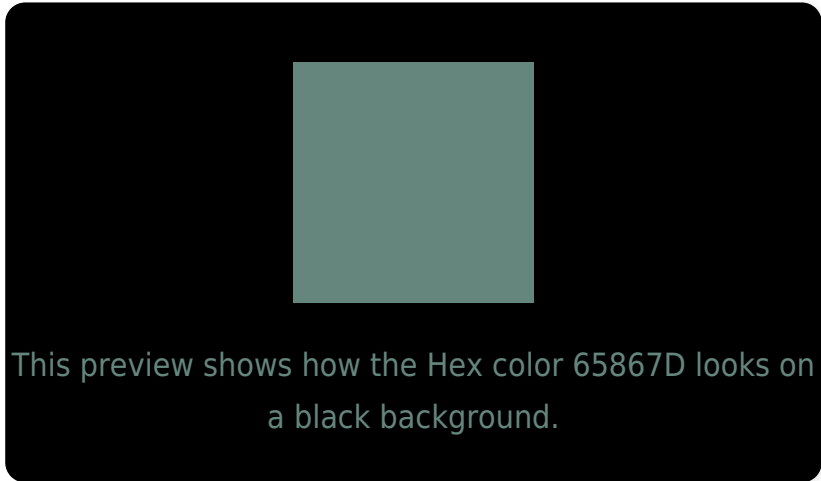
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

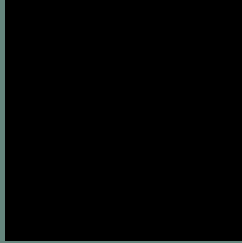
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 65867D Background



This preview shows how black text looks on a background with the Hex color 65867D.

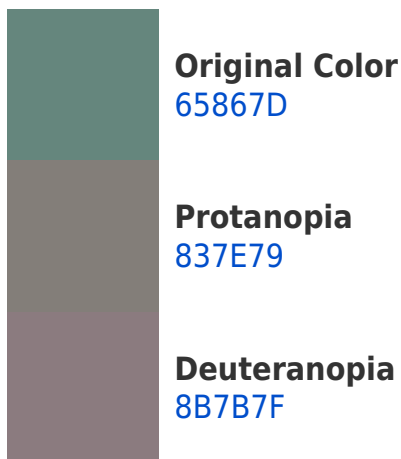


This preview shows how white text looks on a background with the Hex color 65867D.

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
68838E

Trichromacy



Original Color
65867D

Protanomaly
78817A

Deuteranomaly
7D7F7E

Tritanomaly
678488

Monochromacy



Original Color
65867D

Achromatopsia
7B7B7B

Achromatomaly
737F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 65867D 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 #65867D looks like.

```
.text, #text, p{  
    color:#65867D  
}
```

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 #65867D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65867D
}
```

Border

The CSS property to change the border of an element to Hex 65867D 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
#65867D }
```

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

```
.border{ border-color:#65867D }
```

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

Here you see how a box with a 4 pixel #65867D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65867D; -webkit-box-shadow:4px 4px  
4px 4px #65867D; box-shadow:4px 4px 4px  
4px #65867D }
```

Background

The CSS property to change the background color of an element to Hex 65867D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65867D }
```

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

```
.background{ background-color:#65867D }
```

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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