

Converting Colors

Hex(64757D)

Have a look what the booklet for
Hex(64757D) contains.

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Color

Hex(64757D)

Conversions

Conversions Part 1

Format	Color
Hex	64757D
RGB	100, 117, 125
RGB Percent	39%, 46%, 49%
CMY	0.6078, 0.5412, 0.5098
CMYK	0.20, 0.06, 0.00, 0.51
HSL	199°, 11%, 44%
HSV	199°, 20%, 49%
XYZ	15.3185, 16.9126, 21.8591
YIQ	112.8290, -12.7000, -1.1160

Conversions

Conversions Part 2

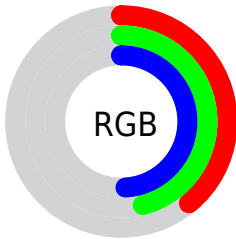
Format	Color
R_{YB}	100, 110, 125
Decimal	6583677
CIE _{Lab}	48.15, -4.41, -6.51
CIE _{LCh}	48, 7.857, 235.885
Yxy	16.9126, 0.2832, 0.3127
Android (android.graphics.Color)	4284773757 (0xFF64757D)
YUV	112.8290, 6.0003, -11.2510
Hunter-Lab	41.1249, -5.4796, -2.7270

Details

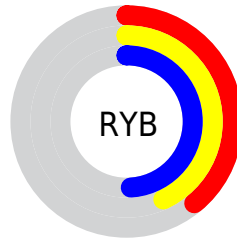
The Hex color **64757D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D6C64**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **97A9B2**, and **35454C** is the 20% darker color. If you saturate the color by 10%, you get **57717D**, and if you desaturate by 10%, it is **71797D**.

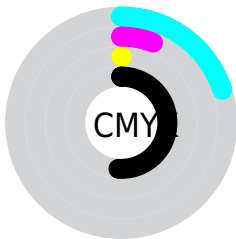
Distribution



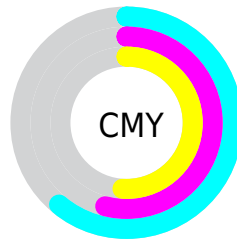
- Red (39%)
- Green (46%)
- Blue (49%)



- Red (39%)
- Yellow (43%)
- Blue (49%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (61%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64757D 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 64757D by changing the saturation by 10% instead.

■ 64757D

■ 64757D

FFFFFF

■ 4C5C64

■ 97A9B2

■ 35454C

■ B2C4CD

■ 1F2F35

■ CEE0E9

■ 091A20

■ EAFDFD

■ 000008

■ 000000

■ 64757D

■ 64757D

■ 57717D

■ 71797D

■ 4B6D7D

■ 7D7D7D

■ 3F697D

■ 8A817D

■ 32657D

■ 96857D

■ 26617D

■ A3897D

■ 195D7D

■ AF8D7D

■ 0C597D

■ BB917D

■ 00557D

■ C8957D

■ D4997D

Harmonies

Analogous

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



627678



64757D



6A737F

Triad

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



64757D



7F6E73



717466

Complementary

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



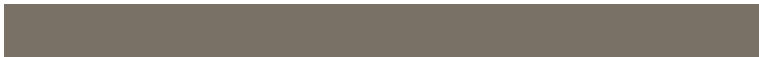
64757D



7D6C64

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.



797165



64757D



816E6D

Square

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



64757D



7A6F7A



7E6F68



6A756B

Rectangle

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



64757D



70727F



7E6F68



747366

Sweetspot

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



64757D



99A0A3



647D6C



4C5052



D1D1D1



525252

Same Dimension

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



64757D



7C97A3



64697D



393E40



005780



000000

Inverse Universe

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



7D6475



A37C97



7D7864



40393E



800057



000000

Previews

White Background



This preview shows how the Hex color 64757D looks on a white background.

Color Contrast Check

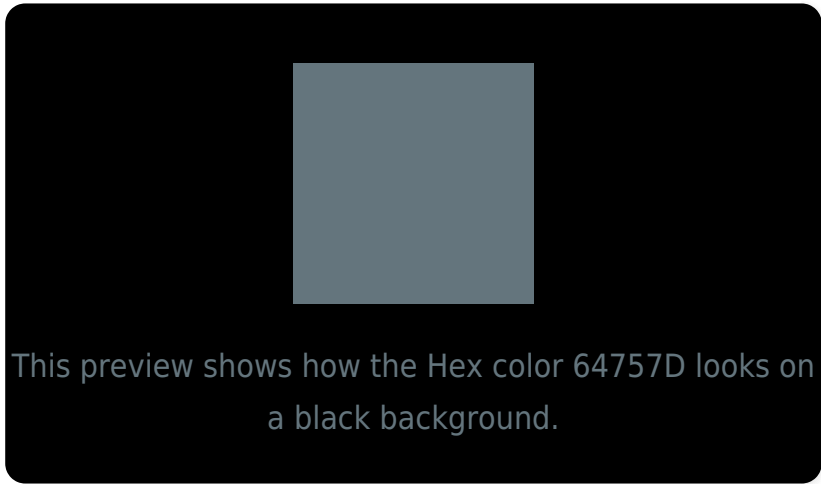
Large Text (above 18pt) WCAG AA ✓ Pass

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

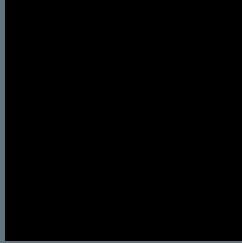
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

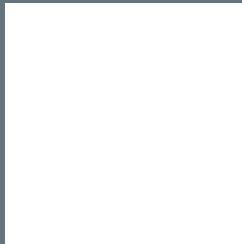
Any Text WCAG AAA × Fail

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

Hex 64757D Background



This preview shows how black text looks on a background with the Hex color 64757D.



This preview shows how white text looks on a background with the Hex color 64757D.

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
64757D

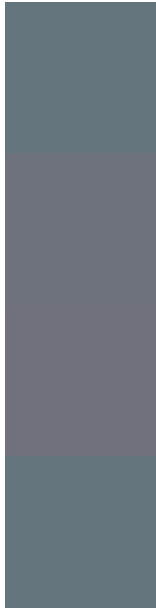
Protanopia
72717B

Deuteranopia
786F7E



Tritanopia
64757E

Trichromacy



Original Color
64757D

Protanomaly
6D727C

Deuteranomaly
71717E

Tritanomaly
64757E

Monochromacy



Original Color
64757D

Achromatopsia
717171

Achromatomaly
6C7275

CSS Examples

Text

The CSS property to change the color of the text to Hex 64757D 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 #64757D looks like.

```
.text, #text, p{  
    color:#64757D  
}
```

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 #64757D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64757D
}
```

Border

The CSS property to change the border of an element to Hex 64757D 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
#64757D }
```

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

```
.border{ border-color:#64757D }
```

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

Here you see how a box with a 4 pixel #64757D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64757D; -webkit-box-shadow:4px 4px  
4px 4px #64757D; box-shadow:4px 4px 4px  
4px #64757D }
```

Background

The CSS property to change the background color of an element to Hex 64757D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64757D }
```

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

```
.background{ background-color:#64757D }
```

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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