

Converting Colors

Hex(65647B)

Have a look what the booklet for
Hex(65647B) contains.

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Color

Hex(65647B)

Conversions

Conversions Part 1

Format	Color
Hex	65647B
RGB	101, 100, 123
RGB Percent	40%, 39%, 48%
CMY	0.6039, 0.6078, 0.5176
CMYK	0.18, 0.19, 0.00, 0.52
HSL	243°, 10%, 44%
HSV	243°, 19%, 48%
XYZ	13.4992, 13.3111, 20.5967
YIQ	102.9210, -6.7870, 7.3650

Conversions

Conversions Part 2

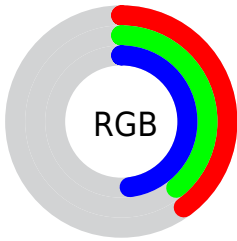
Format	Color
R_{YB}	101, 100, 123
Decimal	6644859
CIE _{Lab}	43.23, 5.58, -12.69
CIE _{LCh}	43, 13.862, 293.721
Yxy	13.3111, 0.2848, 0.2808
Android (android.graphics.Color)	4284834939 (0xFF65647B)
YUV	102.9210, 9.8989, -1.6847
Hunter-Lab	36.4844, 2.1970, -7.9322

Details

The Hex color **65647B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A7B64**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9897AF**, and **36354A** is the 20% darker color. If you saturate the color by 10%, you get **59587B**, and if you desaturate by 10%, it is **71707B**.

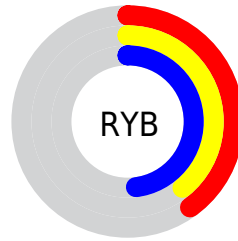
Distribution



Red (40%)

Green (39%)

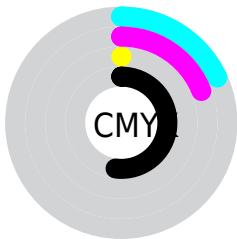
Blue (48%)



Red (40%)

Yellow (39%)

Blue (48%)

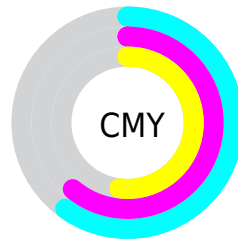


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (52%)



Cyan (60%)

Magenta (61%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65647B 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 65647B by changing the saturation by 10% instead.

■ 65647B

■ 65647B

FFFFFF

■ 4D4C62

■ 9897AF

■ 36354A

■ B3B1CB

■ 202034

■ CFCDE7

■ 0B091F

■ EBE9FF

■ 000002

■ 000000

■ 65647B

■ 65647B

■ 59587B

■ 71707B

■ 4D4B7B

■ 7D7D7B

423F7B

88897B

36337B

94957B

2A277B

A0A27B

1E1A7B

ACAE7B

130E7B

B7BA7B

07027B

C3C67B

05007B

CFD37B

Harmonies

Analogous

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



56687D



65647B



736074

Triad

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



65647B



7A6154



4D6D63

Complementary

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



65647B



7A7B64

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.



586B58



65647B



71654F

Square

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



65647B



7E5E5D



656851



476D6F

Rectangle

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



65647B



795F6D



656851



506C5F

Sweetspot

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



65647B



9797A1



647A7B



4C4C52



D1D1D1



525252

Same Dimension

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



65647B



7F7DA1



70647B



37373D



05007D



0B00FC

Inverse Universe

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



7B647A



A17D9F



6F7B64



3D373D



7D0078



FC00F1

Previews

White Background



This preview shows how the Hex color 65647B looks on a white background.

Color Contrast Check

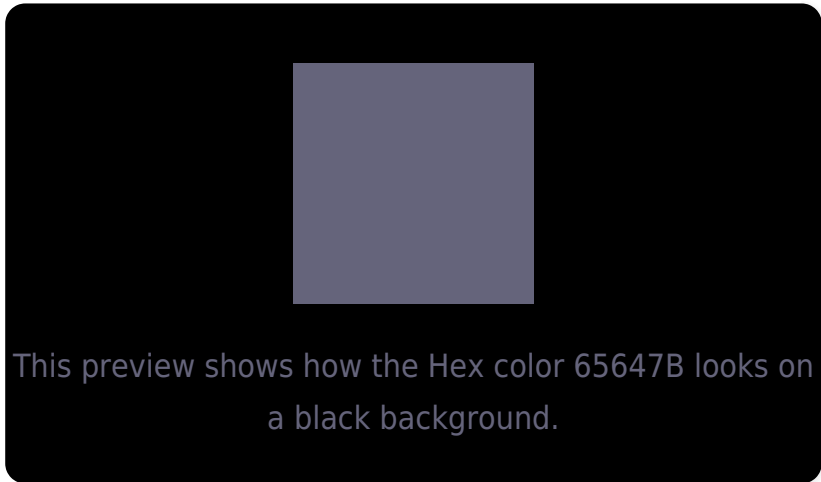
Large Text (above 18pt) WCAG AA ✓ Pass

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

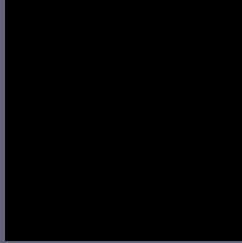
Any Text WCAG AA × Fail

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 65647B Background



This preview shows how black text looks on a background with the Hex color 65647B.



This preview shows how white text looks on a background with the Hex color 65647B.

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


65647B

Protanopia

61657C

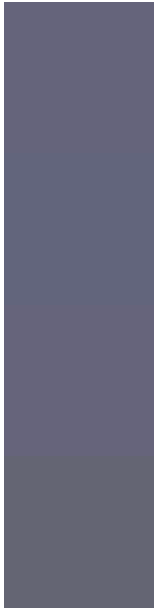
Deuteranopia

66647B



Tritanopia
63666E

Trichromacy



Original Color
65647B

Protanomaly
62657C

Deuteranomaly
66647B

Tritanomaly
646573

Monochromacy



Original Color
65647B

Achromatopsia
676767

Achromatomaly
66666E

CSS Examples

Text

The CSS property to change the color of the text to Hex 65647B 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 #65647B looks like.

```
.text, #text, p{  
    color:#65647B  
}
```

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 #65647B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65647B
}
```

Border

The CSS property to change the border of an element to Hex 65647B 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
#65647B }
```

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

```
.border{ border-color:#65647B }
```

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

Here you see how a box with a 4 pixel #65647B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65647B; -webkit-box-shadow:4px 4px  
4px 4px #65647B; box-shadow:4px 4px 4px  
4px #65647B }
```

Background

The CSS property to change the background color of an element to Hex 65647B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65647B }
```

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

```
.background{ background-color:#65647B }
```

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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