

Converting Colors

Hex(64626B)

Have a look what the booklet for
Hex(64626B) contains.

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Color

Hex(64626B)

Conversions

Conversions Part 1

Format	Color
Hex	64626B
RGB	100, 98, 107
RGB Percent	39%, 38%, 42%
CMY	0.6078, 0.6157, 0.5804
CMYK	0.07, 0.08, 0.00, 0.58
HSL	253°, 4%, 40%
HSV	253°, 8%, 42%
XYZ	12.2771, 12.5062, 15.6768
YIQ	99.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

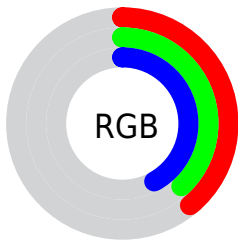
Format	Color
R_{YB}	100, 98, 107
Decimal	6578795
CIE _{Lab}	42.01, 2.71, -4.81
CIE _{LCh}	42, 5.517, 299.381
Yxy	12.5062, 0.3034, 0.3091
Android (android.graphics.Color)	4284768875 (0xFF64626B)
YUV	99.6240, 3.6364, 0.3298
Hunter-Lab	35.3641, 0.0810, -1.5281

Details

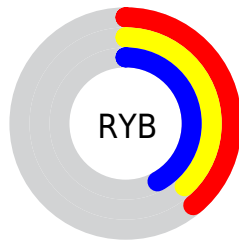
The Hex color **64626B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **696B62**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **97959E**, and **35343C** is the 20% darker color. If you saturate the color by 10%, you get **5C576B**, and if you desaturate by 10%, it is **6C6D6B**.

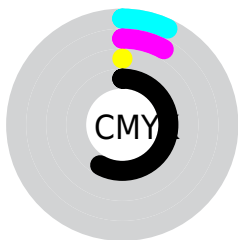
Distribution



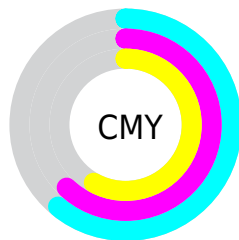
- Red (39%)
- Green (38%)
- Blue (42%)



- Red (39%)
- Yellow (38%)
- Blue (42%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (58%)



- Cyan (61%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64626B 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 64626B by changing the saturation by 10% instead.

■ 64626B

■ 64626B

FFFFFF

■ 4C4A53

■ 97959E

■ 35343C

■ B2AFB9

■ 201F26

■ CDCBD5

■ 090611

■ E9E7F1

■ 000000

■ 64626B

■ 64626B

■ 5C576B

■ 6C6D6B

■ 534D6B

■ 75776B

■ 4B426B

■ 7D826B

■ 43376B

■ 858D6B

■ 3A2D6B

■ 8E986B

■ 32226B

■ 96A26B

■ 2A176B

■ 9EAD6B

■ 210C6B

■ A7B86B

■ 19026B

■ AFC26B

Harmonies

Analogous

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



5E646C



64626B



696168

Triad

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



64626B



6B615B



596663

Complementary

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



64626B



696B62

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.



5D655E



64626B



67635A

Square

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



64626B



6D605F



62645B



586667

Rectangle

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



64626B



6C6065



62645B



5A6661

Sweetspot

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



64626B



89888C



62696B



454547



C7C7C7



474747

Same Dimension

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



64626B



817E8C



68626B



313036



1A0075



3600F5

Inverse Universe

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



6B6269



8C7E89



656B62



363034



75005B



F500BE

Previews

White Background



This preview shows how the Hex color 64626B looks on a white background.

Color Contrast Check

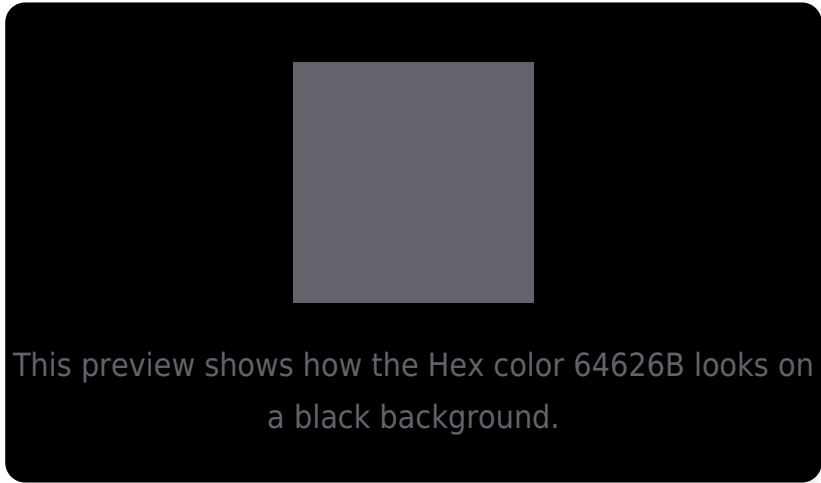
Large Text (above 18pt) WCAG AA ✓ Pass

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

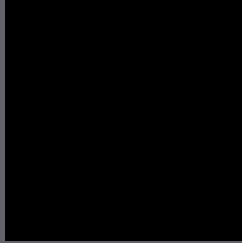
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

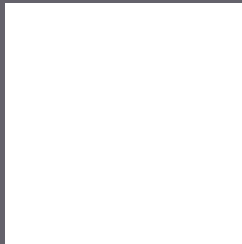
Any Text WCAG AAA × Fail

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

Hex 64626B Background



This preview shows how black text looks on a background with the Hex color 64626B.



This preview shows how white text looks on a background with the Hex color 64626B.

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
64626B

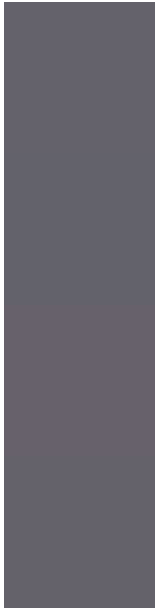
Protanopia
62626B

Deuteranopia
69606B



Tritanopia
64626A

Trichromacy



Original Color

64626B

Protanomaly

63626B

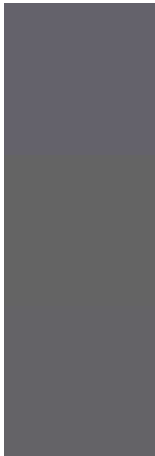
Deuteranomaly

67616B

Tritanomaly

64626A

Monochromacy



Original Color

64626B

Achromatopsia

646464

Achromatomaly

646367

CSS Examples

Text

The CSS property to change the color of the text to Hex 64626B 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 #64626B looks like.

```
.text, #text, p{  
    color:#64626B  
}
```

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 #64626B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64626B  
}
```

Border

The CSS property to change the border of an element to Hex 64626B is called "border". The border property can be set on classes, ids or directly on the HTML element.

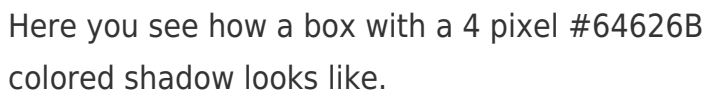
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#64626B }
```

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

```
.border{ border-color:#64626B }
```

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



Here you see how a box with a 4 pixel #64626B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64626B; -webkit-box-shadow:4px 4px  
4px 4px #64626B; box-shadow:4px 4px 4px  
4px #64626B }
```

Background

The CSS property to change the background color of an element to Hex 64626B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64626B }
```

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

```
.background{ background-color:#64626B }
```

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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