

# Converting Colors

Hex(62676E)

Have a look what the booklet for  
Hex(62676E) contains.

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# Color

**Hex(62676E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62676E
RGB	98, 103, 110
RGB Percent	38%, 40%, 43%
CMY	0.6157, 0.5961, 0.5686
CMYK	0.11, 0.06, 0.00, 0.57
HSL	215°, 6%, 41%
HSV	215°, 11%, 43%
XYZ	12.7017, 13.4230, 16.6733
YIQ	102.3030, -5.2270, 1.1170

# Conversions

## Conversions Part 2

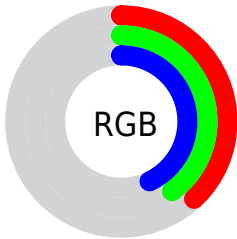
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 102, 110
Decimal	6449006
CIE Lab	43.39, -0.38, -4.60
CIE LCh	43, 4.612, 265.302
Yxy	13.4230, 0.2968, 0.3136
Android (android.graphics.Color)	4284639086 (0xFF62676E)
YUV	102.3030, 3.7946, -3.7737
Hunter-Lab	36.6374, -2.2316, -1.3361

# Details

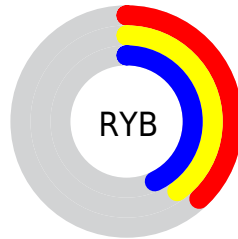
The Hex color **62676E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E6962**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **959AA2**, and **34383E** is the 20% darker color. If you saturate the color by 10%, you get **57616E**, and if you desaturate by 10%, it is **6D6D6E**.

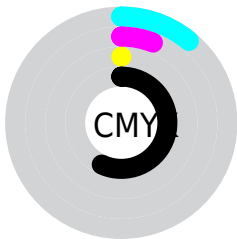
# Distribution



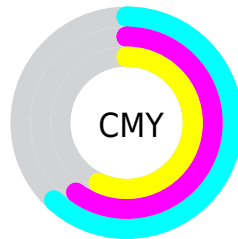
- Red (38%)
- Green (40%)
- Blue (43%)



- Red (38%)
- Yellow (40%)
- Blue (43%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (57%)



- Cyan (62%)
- Magenta (60%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62676E 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 62676E by changing the saturation by 10% instead.



■ 62676E

■ 62676E

FFFFFF

■ 4A4F56

■ 959AA2

■ 34383E

■ AFB5BD

■ 1E2329

■ CBD0D8

■ 060D14

■ E7EDF5

■ 000000

■ 62676E

■ 62676E

■ 57616E

■ 6D6D6E

■ 4C5A6E

■ 78746E

■ 41546E

■ 837A6E

■ 364D6E

■ 8E816E

■ 2B476E

■ 99876E

■ 20416E

■ A48D6E

■ 153A6E

■ AF946E

■ 0A346E

■ BA9A6E

■ 002E6E

■ C5A16E

# Harmonies

## Analogous

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



5F686D



62676E



67666D

# Triad

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



62676E



6F6463



626862

# Complementary

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



62676E



6E6962

# 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.



666760



62676E



6E6560

# Square

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



62676E



6E6467



6A665F



5E6966

# Rectangle

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



62676E



6A656C



6A665F



636861



# Sweetspot

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



62676E



8B8C8F



626E69



454647



C7C7C7



474747



# Same Dimension

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



62676E



7C848F



63626E



323538



003278



0067F7



# Inverse Universe

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



6E6267



8F7C84



6D6E62



383235



780032



F70067



# Previews

## White Background



This preview shows how the Hex color 62676E looks on a white background.

## Color Contrast Check

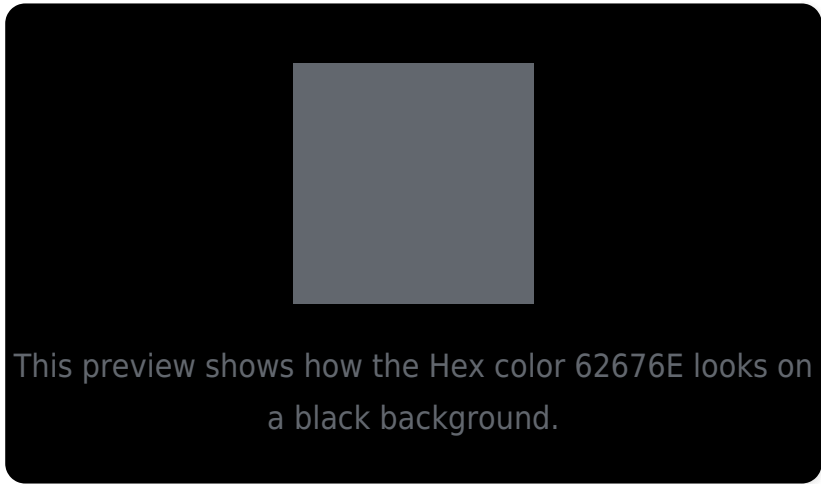
Large Text (above 18pt) WCAG AA ✓ Pass

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

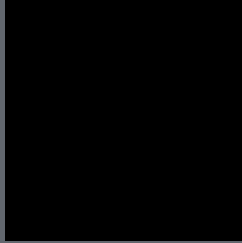
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

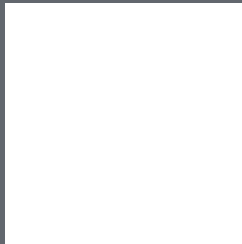
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 62676E Background



This preview shows how black text looks on a background with the Hex color 62676E.

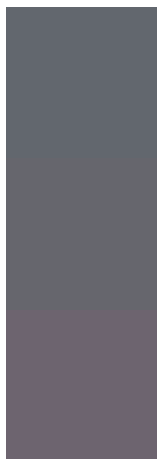


This preview shows how white text looks on a background with the Hex color 62676E.

# 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**


62676E

**Protanopia**

66666D

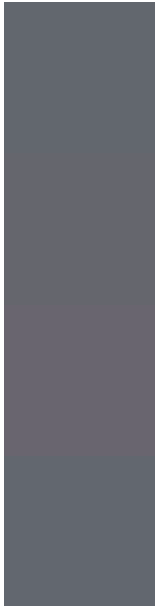
**Deuteranopia**

6D646F



**Tritanopia**  
62676F

# Trichromacy



**Original Color**

62676E

**Protanomaly**

65666D

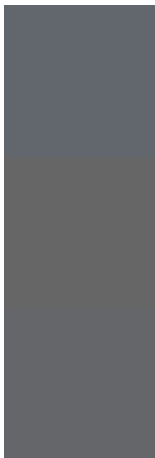
**Deuteranomaly**

69656F

**Tritanomaly**

62676F

# Monochromacy



**Original Color**

62676E

**Achromatopsia**

666666

**Achromatomaly**

656669

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62676E 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 #62676E looks like.

```
.text, #text, p{  
    color:#62676E  
}
```

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 #62676E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62676E
}
```

## Border

The CSS property to change the border of an element to Hex 62676E is called "border". The border property can be set on classes, ids or directly on the HTML element.

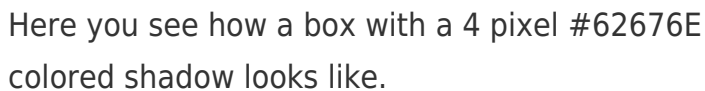
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62676E }
```

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

```
.border{ border-color:#62676E }
```

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



Here you see how a box with a 4 pixel #62676E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62676E; -webkit-box-shadow:4px 4px  
4px 4px #62676E; box-shadow:4px 4px 4px  
4px #62676E }
```

# Background

The CSS property to change the background color of an element to Hex 62676E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62676E }
```

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

```
.background{ background-color:#62676E }
```

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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