

# Converting Colors

Hex(62336C)

Have a look what the booklet for  
Hex(62336C) contains.

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# Color

Hex(62336C)

# Conversions

## Conversions Part 1

Format	Color
Hex	62336C
RGB	98, 51, 108
RGB Percent	38%, 20%, 42%
CMY	0.6157, 0.8000, 0.5765
CMYK	0.09, 0.53, 0.00, 0.58
HSL	289°, 36%, 31%
HSV	289°, 53%, 42%
XYZ	8.9276, 6.0470, 14.8840
YIQ	71.5510, 9.7150, 27.6910

# Conversions

## Conversions Part 2

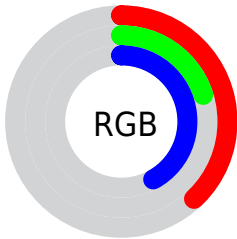
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 51, 108
Decimal	6435692
CIE <sub>Lab</sub>	29.53, 31.03, -24.53
CIE <sub>LCh</sub>	30, 39.552, 321.678
Yxy	6.0470, 0.2990, 0.2025
Android (android.graphics.Color)	4284625772 (0xFF62336C)
YUV	71.5510, 17.9694, 23.1958
Hunter-Lab	24.5907, 21.7703, -18.6729

# Details

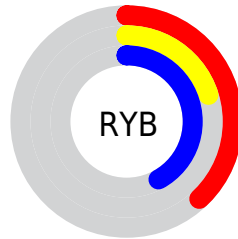
The Hex color **62336C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D6C33**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9663A0**, and **31043C** is the 20% darker color. If you saturate the color by 10%, you get **60286C**, and if you desaturate by 10%, it is **643E6C**.

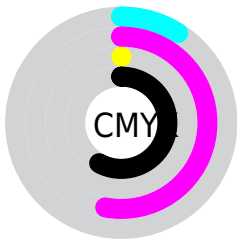
# Distribution



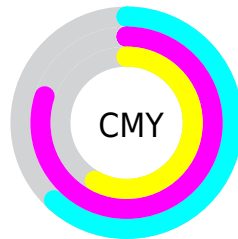
- Red (38%)
- Green (20%)
- Blue (42%)



- Red (38%)
- Yellow (20%)
- Blue (42%)



- Cyan (9%)
- Magenta (53%)
- Yellow (0%)
- Black (58%)



- Cyan (62%)
- Magenta (80%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62336C 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 62336C by changing the saturation by 10% instead.





62336C



62336C

FFFFFF



491C54



9663A0



31043C



B17DBB



1F0026



CD97D7



00010F



EAB2F3



000000



FFCEFF



FFEAFF



62336C



62336C



60286C



643E6C

■ 5E1D6C

■ 66496C

■ 5C136C

■ 68536C

■ 5A086C

■ 6A5E6C

■ 59006C

■ 6B696C

■ 6D746C

■ 6F7F6C

■ 71896C

■ 73946C

# Harmonies

## Analogous

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



34417F



62336C



78274F

# Triad

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



62336C



5C4100



00545B

# Complementary

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



62336C



3D6C33

# 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.



00533C



62336C



3F4B02

# Square

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



62336C



713415



15501D



005275

# Rectangle

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



62336C



7C263B



15501D



005451



# Sweetspot

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



62336C



88768C



333D6C



453A47



C7C7C7



474747



# Same Dimension

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



62336C



7D348C



6C335A



353036



610075



CA00F5



# Inverse Universe

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



6C333D



8C3443



336C45



363031



750015

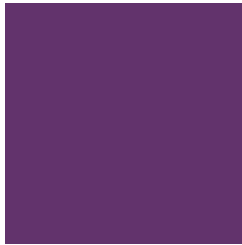


F5002B



# Previews

## White Background



This preview shows how the Hex color 62336C looks on a white background.

## Color Contrast Check

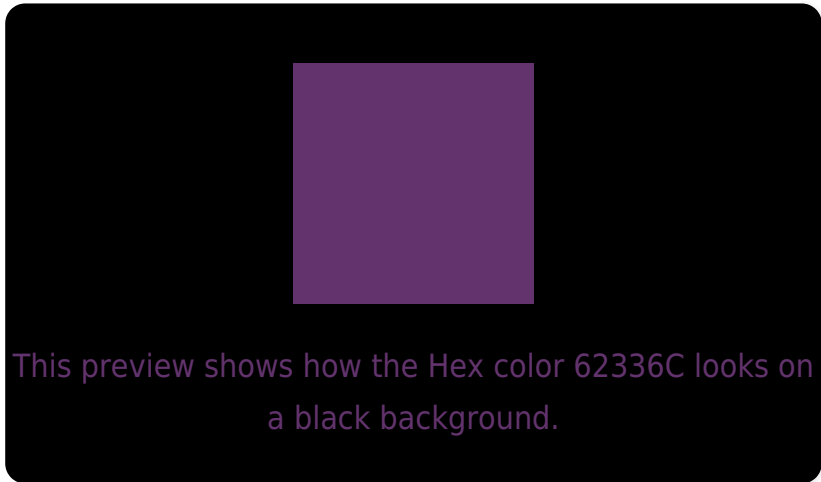
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

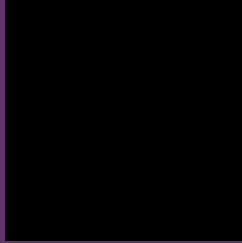
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 62336C Background



This preview shows how black text looks on a background with the Hex color 62336C.



This preview shows how white text looks on a background with the Hex color 62336C.

# 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**  
62336C

**Protanopia**  
2D447C

**Deuteranopia**  
374669



**Tritanopia**  
5C3E42

# Trichromacy



**Original Color**  
62336C

**Protanomaly**  
403E76

**Deuteranomaly**  
473F6A

**Tritanomaly**  
5E3A51

# Monochromacy



**Original Color**  
62336C

**Achromatopsia**  
484848

**Achromatomaly**  
514055

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62336C 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 #62336C looks like.

```
.text, #text, p{  
    color:#62336C  
}
```

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 #62336C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62336C
}
```

## Border

The CSS property to change the border of an element to Hex 62336C is called "border". The border property can be set on classes, ids or directly on the HTML element.

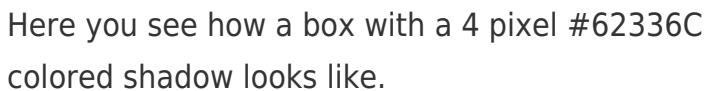
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62336C }
```

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

```
.border{ border-color:#62336C }
```

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



Here you see how a box with a 4 pixel #62336C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62336C; -webkit-box-shadow:4px 4px  
4px 4px #62336C; box-shadow:4px 4px 4px  
4px #62336C }
```

# Background

The CSS property to change the background color of an element to Hex 62336C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62336C }
```

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

```
.background{ background-color:#62336C }
```

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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