

Converting Colors

Hex(6A3C62)

Have a look what the booklet for
Hex(6A3C62) contains.

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Color

Hex(6A3C62)

Conversions

Conversions Part 1

Format	Color
Hex	6A3C62
RGB	106, 60, 98
RGB Percent	42%, 24%, 38%
CMY	0.5843, 0.7647, 0.6157
CMYK	0.00, 0.43, 0.08, 0.58
HSL	310°, 28%, 33%
HSV	310°, 43%, 42%
XYZ	9.7643, 7.1777, 12.4261
YIQ	78.0860, 15.2180, 21.5700

Conversions

Conversions Part 2

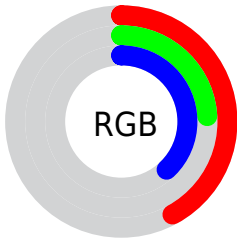
Format	Color
R _Y B	106, 60, 98
Decimal	6962274
CIE Lab	32.21, 26.38, -13.89
CIE LCh	32, 29.815, 332.225
Yxy	7.1777, 0.3325, 0.2444
Android (android.graphics.Color)	4285152354 (0xFF6A3C62)
YUV	78.0860, 9.8176, 24.4806
Hunter-Lab	26.7913, 18.1712, -8.7454

Details

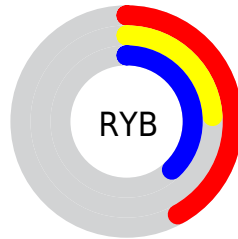
The Hex color **6A3C62** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3C6A44**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9E6D95**, and **390E33** is the 20% darker color. If you saturate the color by 10%, you get **6A3160**, and if you desaturate by 10%, it is **6A4764**.

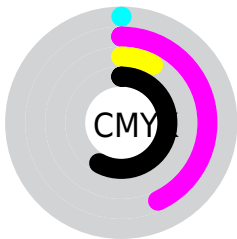
Distribution



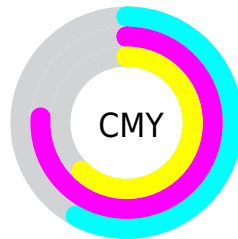
- Red (42%)
- Green (24%)
- Blue (38%)



- Red (42%)
- Yellow (24%)
- Blue (38%)



- Cyan (0%)
- Magenta (43%)
- Yellow (8%)
- Black (58%)



- Cyan (58%)
- Magenta (76%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3C62 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 6A3C62 by changing the saturation by 10% instead.

6A3C62

6A3C62

FFFFFF

51254A

9E6D95

390E33

BA86AF

25001F

D6A1CB

000001

F2BCE7

000000

FFD8FF

FFF5FF

6A3C62

6A3C62

6A3160

6A4764

6A275E

6A5166

6A1C5C

6A5C68

6A125B

6A6669

6A0759

6A716B

6A0058

6A7C6D

6A866F

6A9171

6A9B73

Harmonies

Analogous

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



4F4573



6A3C62



76384B

Triad

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



6A3C62



584B1B



005764

Complementary

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



6A3C62



3C6A44

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.



00584D



6A3C62



405222

Square

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



6A3C62



6B4322



205635



005475

Rectangle

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



6A3C62



77393B



205635



00575D

Sweetspot

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



6A3C62



8A7887



443C6A



453A43



C4C4C4



454545

Same Dimension

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



6A3C62



8A427D



6A3C4B



363035



750061



F500CA

Inverse Universe

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



6A3C62



8A427D



3C6A5B



363035



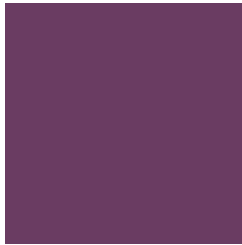
750061



F500CA

Previews

White Background



This preview shows how the Hex color 6A3C62 looks on a white background.

Color Contrast Check

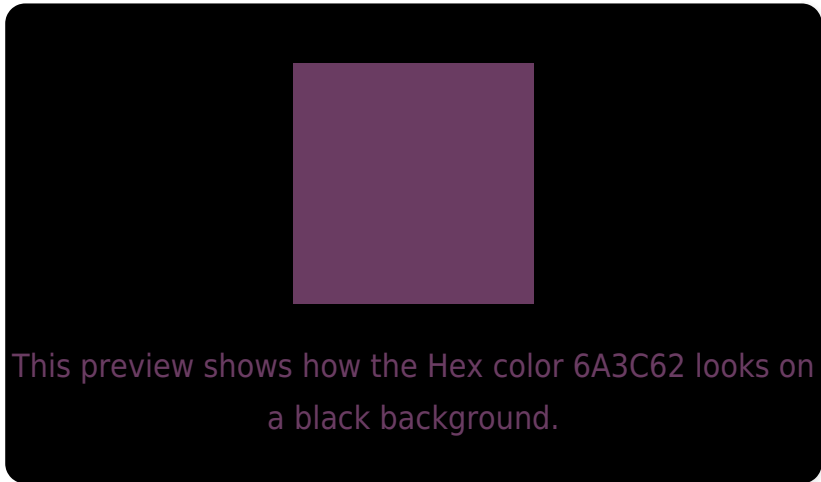
Large Text (above 18pt) WCAG AA ✓ Pass

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

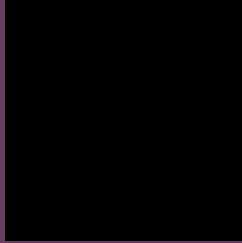
Any Text WCAG AA × Fail

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 6A3C62 Background



This preview shows how black text looks on a background with the Hex color 6A3C62.



This preview shows how white text looks on a background with the Hex color 6A3C62.

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
6A3C62

Protanopia
414B6D

Deuteranopia
4A4B5F



Tritanopia
674247

Trichromacy



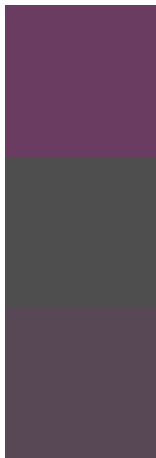
Original Color
6A3C62

Protanomaly
504669

Deuteranomaly
564660

Tritanomaly
684051

Monochromacy



Original Color
6A3C62

Achromatopsia
4E4E4E

Achromatomaly
584755

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3C62 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 #6A3C62 looks like.

```
.text, #text, p{  
    color:#6A3C62  
}
```

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 #6A3C62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3C62
}
```

Border

The CSS property to change the border of an element to Hex 6A3C62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

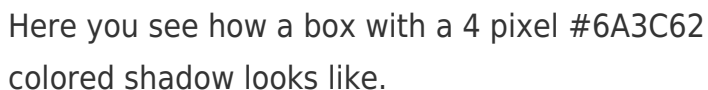
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3C62 }
```

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

```
.border{ border-color:#6A3C62 }
```

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



Here you see how a box with a 4 pixel #6A3C62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3C62; -webkit-box-shadow:4px 4px  
4px 4px #6A3C62; box-shadow:4px 4px 4px  
4px #6A3C62 }
```

Background

The CSS property to change the background color of an element to Hex 6A3C62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3C62 }
```

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

```
.background{ background-color:#6A3C62 }
```

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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