

# Converting Colors

Hex(6A4C62)

Have a look what the booklet for  
Hex(6A4C62) contains.

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# Color

**Hex(6A4C62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A4C62
RGB	106, 76, 98
RGB Percent	42%, 30%, 38%
CMY	0.5843, 0.7020, 0.6157
CMYK	0.00, 0.28, 0.08, 0.58
HSL	316°, 16%, 36%
HSV	316°, 28%, 42%
XYZ	10.7329, 9.1149, 12.7489
YIQ	87.4780, 10.8180, 13.2020

# Conversions

## Conversions Part 2

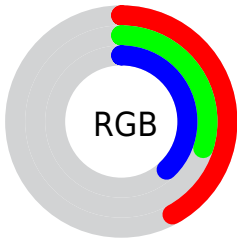
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 76, 98
Decimal	6966370
CIE <sub>Lab</sub>	36.20, 16.65, -7.84
CIE <sub>LCh</sub>	36, 18.406, 334.802
Yxy	9.1149, 0.3293, 0.2796
Android (android.graphics.Color)	4285156450 (0xFF6A4C62)
YUV	87.4780, 5.1873, 16.2438
Hunter-Lab	30.1909, 10.6230, -3.9032

# Details

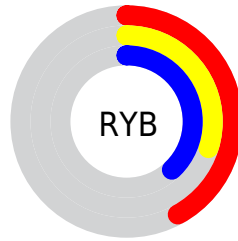
The Hex color **6A4C62** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4C6A54**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9E7D95**, and **3A1F34** is the 20% darker color. If you saturate the color by 10%, you get **6A415F**, and if you desaturate by 10%, it is **6A5765**.

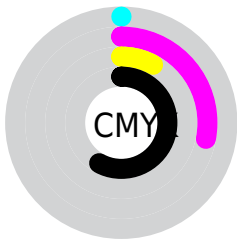
# Distribution



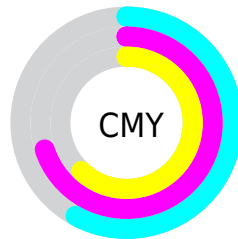
- Red (42%)
- Green (30%)
- Blue (38%)



- Red (42%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (28%)
- Yellow (8%)
- Black (58%)



- Cyan (58%)
- Magenta (70%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A4C62 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 6A4C62 by changing the saturation by 10% instead.



6A4C62

6A4C62

FFFFFF

52354A

9E7D95

3A1F34

B997AF

240A1E

D5B2CB

000003

F1CEE7

000000

FFEAFF

6A4C62

6A4C62

6A415F

6A5765

6A375C

6A6168

6A2C5A

6A6C6A

6A2257

6A766D

6A1754

6A8170

6A0C51

6A8C73

6A024E

6A9676

6A004E

6AA179

6AAB7B

# Harmonies

## Analogous

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



5A516D



6A4C62



724A53

# Triad

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



6A4C62



5D5538



255D65

# Complementary

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



6A4C62



4C6A54

# 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.



2C5D57



6A4C62



4D593D

# Square

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



6A4C62



6A503B



3C5C48



305A6F

# Rectangle

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



6A4C62



734B49



3C5C48



265D61



# Sweetspot

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



6A4C62



8A7F87



544C6A



453E43



C4C4C4



454545



# Same Dimension

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



6A4C62



8A5B7D



6A4C53



363034



750056



F500B4



# Inverse Universe

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



6A4C62



8A5B7D



4C6A63



363034



750056

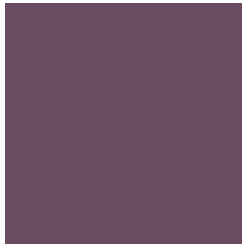


F500B4



# Previews

## White Background



This preview shows how the Hex color 6A4C62 looks on a white background.

## Color Contrast Check

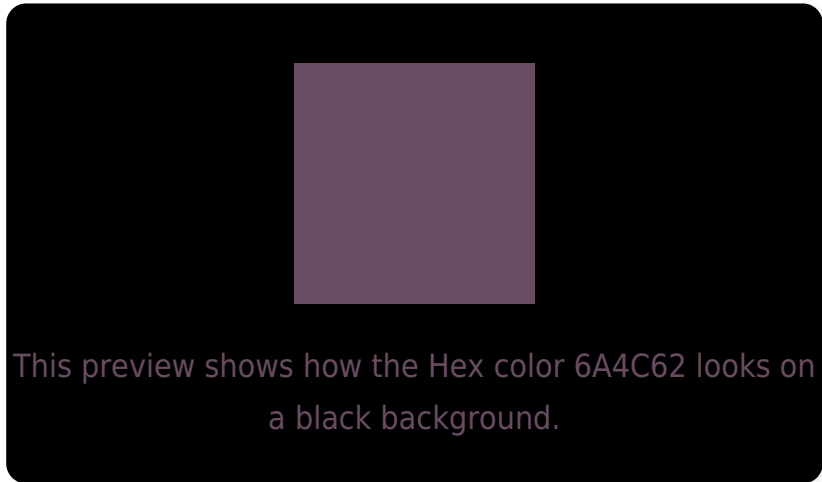
Large Text (above 18pt) WCAG AA ✓ Pass

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

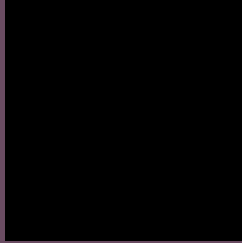
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A4C62 Background



This preview shows how black text looks on a background with the Hex color 6A4C62.



This preview shows how white text looks on a background with the Hex color 6A4C62.

# 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**  
6A4C62

**Protanopia**  
515568

**Deuteranopia**  
585361



**Tritanopia**  
684E54

# Trichromacy



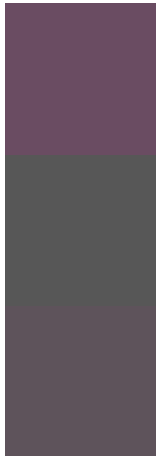
**Original Color**  
6A4C62

**Protanomaly**  
5A5266

**Deuteranomaly**  
5F5061

**Tritanomaly**  
694D59

# Monochromacy



**Original Color**  
6A4C62

**Achromatopsia**  
575757

**Achromatomaly**  
5E535B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A4C62 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 #6A4C62 looks like.

```
.text, #text, p{  
    color:#6A4C62  
}
```

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 #6A4C62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4C62
}
```

## Border

The CSS property to change the border of an element to Hex 6A4C62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

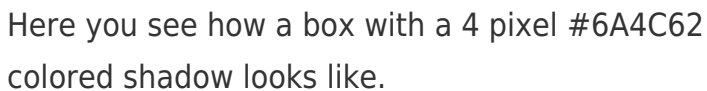
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A4C62 }
```

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

```
.border{ border-color:#6A4C62 }
```

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



Here you see how a box with a 4 pixel #6A4C62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4C62; -webkit-box-shadow:4px 4px  
4px 4px #6A4C62; box-shadow:4px 4px 4px  
4px #6A4C62 }
```

# Background

The CSS property to change the background color of an element to Hex 6A4C62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4C62 }
```

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

```
.background{ background-color:#6A4C62 }
```

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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