

# Converting Colors

Hex(6B425D)

Have a look what the booklet for  
Hex(6B425D) contains.

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**Color**

**Hex(6B425D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B425D
RGB	107, 66, 93
RGB Percent	42%, 26%, 36%
CMY	0.5804, 0.7412, 0.6353
CMYK	0.00, 0.38, 0.13, 0.58
HSL	320°, 24%, 34%
HSV	320°, 38%, 42%
XYZ	9.9874, 7.8125, 11.3375
YIQ	81.3370, 15.7690, 17.0890

# Conversions

## Conversions Part 2

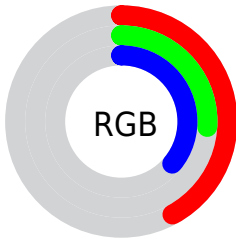
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 66, 93
Decimal	7029341
CIE Lab	33.59, 22.20, -8.59
CIE LCh	34, 23.801, 338.838
Yxy	7.8125, 0.3428, 0.2681
Android (android.graphics.Color)	4285219421 (0xFF6B425D)
YUV	81.3370, 5.7499, 22.5065
Hunter-Lab	27.9509, 14.8674, -4.4837

# Details

The Hex color **6B425D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **426B50**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9F738F**, and **3A152F** is the 20% darker color. If you saturate the color by 10%, you get **6B3759**, and if you desaturate by 10%, it is **6B4D61**.

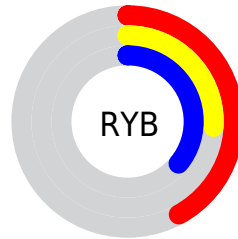
# Distribution



Red (42%)

Green (26%)

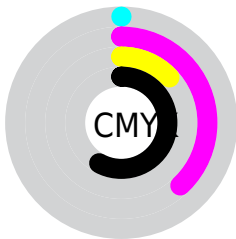
Blue (36%)



Red (42%)

Yellow (26%)

Blue (36%)

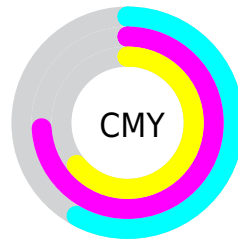


Cyan (0%)

Magenta (38%)

Yellow (13%)

Black (58%)



Cyan (58%)

Magenta (74%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B425D 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 6B425D by changing the saturation by 10% instead.



6B425D

6B425D

FFFFFF

522B45

9F738F

3A152F

BA8DAA

25001B

D6A7C5

000000

F3C2E1

FFDEFE

FFFBFF

6B425D

6B425D

6B3759

6B4D61

 6B2D56

 6B5764

 6B2252

 6B6268

 6B174E

 6B6D6C

 6B0C4B

 6B786F

 6B0247

 6B8273

 6B0046

 6B8D77

 6B987A

 6BA27E

# Harmonies

## Analogous

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



58486C



6B425D



73404A

# Triad

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



6B425D



565029



005866

# Complementary

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



6B425D



426B50

# 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.



055954



6B425D



415531

# Square

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



6B425D



66492C



295841



165572

# Rectangle

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



6B425D



73423E



295841



005961



# Sweetspot

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



6B425D



8C7D87



50426B



473E44



C7C7C7



474747



# Same Dimension

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



6B425D



8C4C76



6B4249



363034



75004D



F500A1



# Inverse Universe

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



6B425D



8C4C76



426B64



363034



75004D

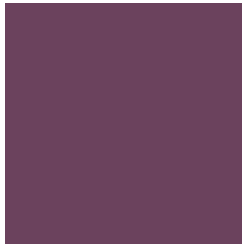


F500A1



# Previews

## White Background



This preview shows how the Hex color 6B425D looks on a white background.

## Color Contrast Check

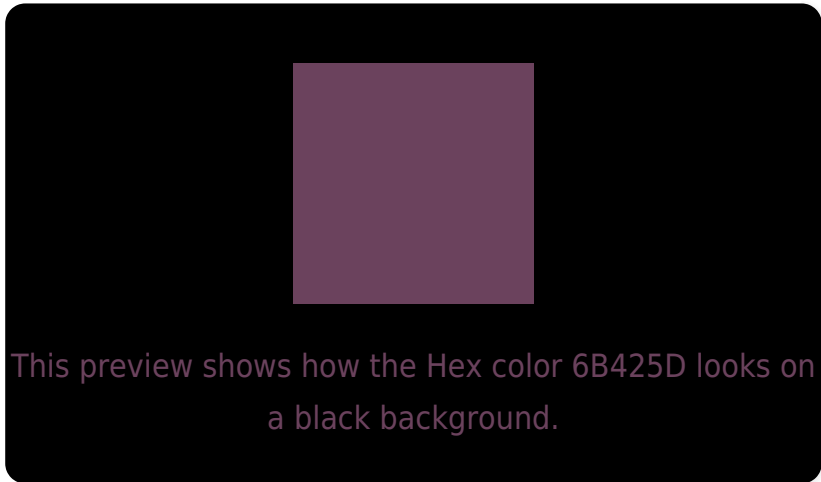
Large Text (above 18pt) WCAG AA ✓ Pass

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

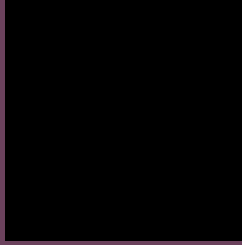
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B425D Background



This preview shows how black text looks on a background with the Hex color 6B425D.

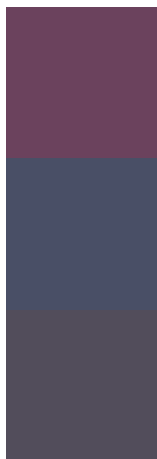


This preview shows how white text looks on a background with the Hex color 6B425D.

# 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**  
6B425D

**Protanopia**  
494F66

**Deuteranopia**  
524D5B



**Tritanopia**  
69464B

# Trichromacy



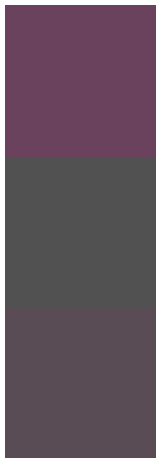
**Original Color**  
6B425D

**Protanomaly**  
554A63

**Deuteranomaly**  
5B495C

**Tritanomaly**  
6A4552

# Monochromacy



**Original Color**  
6B425D

**Achromatopsia**  
515151

**Achromatomaly**  
5A4C55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B425D 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 #6B425D looks like.

```
.text, #text, p{  
    color:#6B425D  
}
```

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 #6B425D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B425D
}
```

## Border

The CSS property to change the border of an element to Hex 6B425D is called "border". The border property can be set on classes, ids or directly on the HTML element.

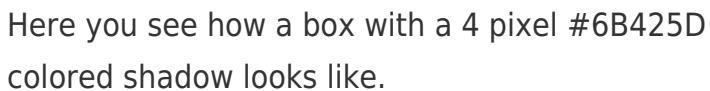
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B425D }
```

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

```
.border{ border-color:#6B425D }
```

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



Here you see how a box with a 4 pixel #6B425D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B425D; -webkit-box-shadow:4px 4px  
4px 4px #6B425D; box-shadow:4px 4px 4px  
4px #6B425D }
```

# Background

The CSS property to change the background color of an element to Hex 6B425D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B425D }
```

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

```
.background{ background-color:#6B425D }
```

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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