

# Converting Colors

Hex(6B3D65)

Have a look what the booklet for  
Hex(6B3D65) contains.

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# Color

**Hex(6B3D65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B3D65
RGB	107, 61, 101
RGB Percent	42%, 24%, 40%
CMY	0.5804, 0.7608, 0.6039
CMYK	0.00, 0.43, 0.06, 0.58
HSL	308°, 27%, 33%
HSV	308°, 43%, 42%
XYZ	10.0811, 7.4029, 13.2095
YIQ	79.3140, 14.5760, 22.1920

# Conversions

## Conversions Part 2

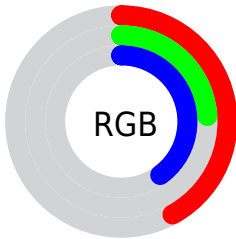
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 61, 101
Decimal	7028069
CIE <sub>Lab</sub>	32.71, 26.74, -15.03
CIE <sub>LCh</sub>	33, 30.671, 330.655
Yxy	7.4029, 0.3284, 0.2412
Android (android.graphics.Color)	4285218149 (0xFF6B3D65)
YUV	79.3140, 10.6912, 24.2806
Hunter-Lab	27.2082, 18.5229, -9.7393

# Details

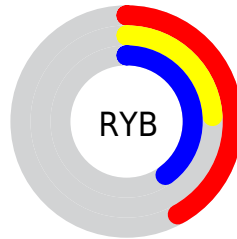
The Hex color **6B3D65** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D6B43**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9F6E98**, and **3A0F36** is the 20% darker color. If you saturate the color by 10%, you get **6B3264**, and if you desaturate by 10%, it is **6B4866**.

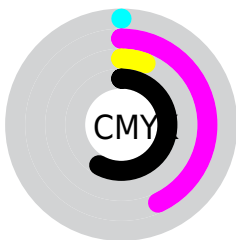
# Distribution



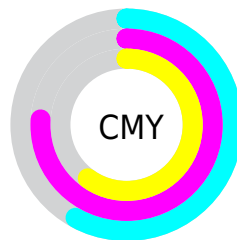
- Red (42%)
- Green (24%)
- Blue (40%)



- Red (42%)
- Yellow (24%)
- Blue (40%)



- Cyan (0%)
- Magenta (43%)
- Yellow (6%)
- Black (58%)



- Cyan (58%)
- Magenta (76%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B3D65 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 6B3D65 by changing the saturation by 10% instead.



 6B3D65

 6B3D65

FFFFFF

 52264D


 9F6E98

 3A0F36

 BB87B3

 250021

 D7A2CE

 000006

 F3BDEB

 000000

 FFD9FF

 FFF6FF

 6B3D65

 6B3D65

 6B3264

 6B4866

6B2862

6B5268

6B1D61

6B5D69

6B125F

6B686B

6B075E

6B736C

6B005D

6B7D6D

6B886F

6B9370

6B9D72

# Harmonies

## Analogous

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



4F4677



6B3D65



79384D

# Triad

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



6B3D65



5A4C1A



005965

# Complementary

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



6B3D65



3D6B43

# 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.



00594D



6B3D65



425321

# Square

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



6B3D65



6D4323



215734



005677

# Rectangle

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



6B3D65



7A393D



215734



00595D



# Sweetspot

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



6B3D65



8C7A8A



423D6B



473C46



C7C7C7



474747



# Same Dimension

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



6B3D65



8C4383



6B3D4F



363035



750066



F500D5



# Inverse Universe

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



6B3D65



8C4383



3D6B59



363035



750066

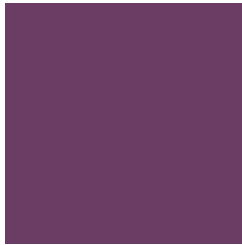


F500D5



# Previews

## White Background



This preview shows how the Hex color 6B3D65 looks on a white background.

## Color Contrast Check

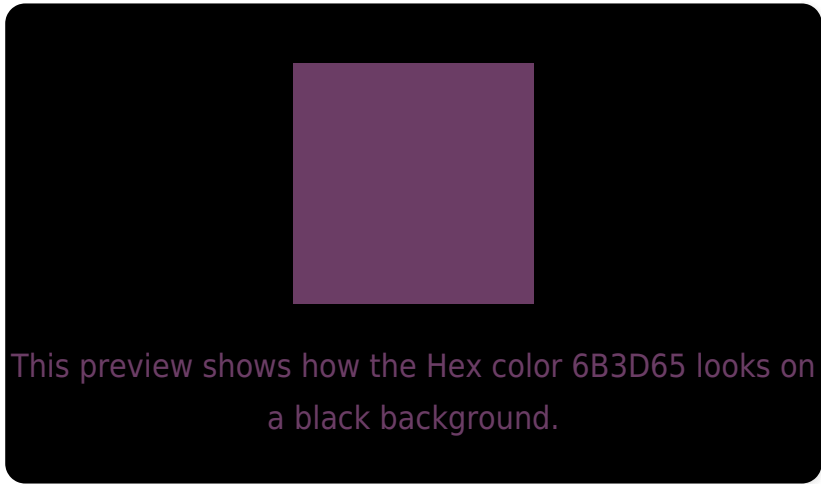
Large Text (above 18pt) WCAG AA ✓ Pass

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

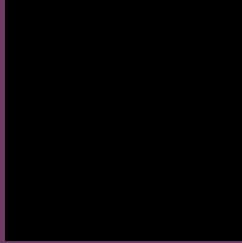
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B3D65 Background



This preview shows how black text looks on a background with the Hex color 6B3D65.



This preview shows how white text looks on a background with the Hex color 6B3D65.

# 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**  
6B3D65

**Protanopia**  
414C71

**Deuteranopia**  
4A4C62



**Tritanopia**  
684348

# Trichromacy



**Original Color**  
6B3D65

**Protanomaly**  
50476D

**Deuteranomaly**  
564763

**Tritanomaly**  
694153

# Monochromacy



**Original Color**  
6B3D65

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
594857

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B3D65 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 #6B3D65 looks like.

```
.text, #text, p{  
    color:#6B3D65  
}
```

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 #6B3D65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3D65
}
```

## Border

The CSS property to change the border of an element to Hex 6B3D65 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
#6B3D65 }
```

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

```
.border{ border-color:#6B3D65 }
```

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

Here you see how a box with a 4 pixel #6B3D65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3D65; -webkit-box-shadow:4px 4px  
4px 4px #6B3D65; box-shadow:4px 4px 4px  
4px #6B3D65 }
```

# Background

The CSS property to change the background color of an element to Hex 6B3D65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3D65 }
```

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

```
.background{ background-color:#6B3D65 }
```

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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