

Converting Colors

Hex(6B3661)

Have a look what the booklet for
Hex(6B3661) contains.

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Color

Hex(6B3661)

Conversions

Conversions Part 1

Format	Color
Hex	6B3661
RGB	107, 54, 97
RGB Percent	42%, 21%, 38%
CMY	0.5804, 0.7882, 0.6196
CMYK	0.00, 0.50, 0.09, 0.58
HSL	311°, 33%, 32%
HSV	311°, 50%, 42%
XYZ	9.5402, 6.6272, 12.0856
YIQ	74.7490, 17.7850, 24.6090

Conversions

Conversions Part 2

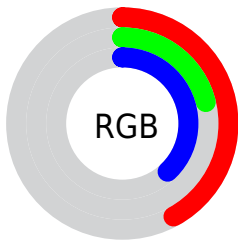
Format	Color
R_{YB}	107, 54, 97
Decimal	7026273
CIE _{Lab}	30.94, 30.03, -15.18
CIE _{LCh}	31, 33.648, 333.181
Yxy	6.6272, 0.3377, 0.2346
Android (android.graphics.Color)	4285216353 (0xFF6B3661)
YUV	74.7490, 10.9697, 28.2841
Hunter-Lab	25.7433, 21.0995, -9.8143

Details

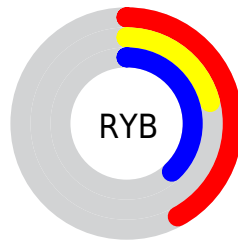
The Hex color **6B3661** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **366B40**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A06794**, and **3A0632** is the 20% darker color. If you saturate the color by 10%, you get **6B2B5F**, and if you desaturate by 10%, it is **6B4163**.

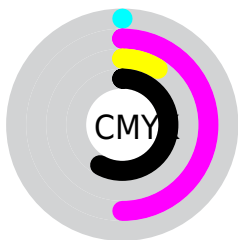
Distribution



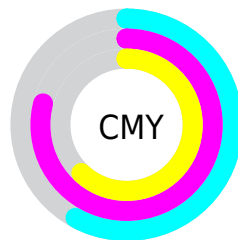
- Red (42%)
- Green (21%)
- Blue (38%)



- Red (42%)
- Yellow (21%)
- Blue (38%)



- Cyan (0%)
- Magenta (50%)
- Yellow (9%)
- Black (58%)



- Cyan (58%)
- Magenta (79%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B3661 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 6B3661 by changing the saturation by 10% instead.

 6B3661

 6B3661

FFFFFF

 521F49

 A06794

 3A0632

 BB80AE

 26001E

 D79BCA

 000000

 F4B6E6

 FFD2FF

 FFEEFF

 6B3661

 6B3661

 6B2B5F

 6B4163

 6B215D

 6B4B65

 6B165B

 6B5667

 6B0B59

 6B6169

 6B0057

 6B6C6B

 6B766D

 6B816F

 6B8C71

 6B9673

Harmonies

Analogous

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



4D4175



6B3661



783147

Triad

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



6B3661



544810



005565

Complementary

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



6B3661



366B40

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.



00564B



6B3661



39501A

Square

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



6B3661



6A3F19



0F5430



005277

Rectangle

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



6B3661



793336



0F5430



00555D

Sweetspot

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



6B3661



8C7788



40366B



473B45



C7C7C7



474747

Same Dimension

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



6B3661



8C3A7D



6B3647



363035



75005F



F500C7

Inverse Universe

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



6B3661



8C3A7D



366B5A



363035



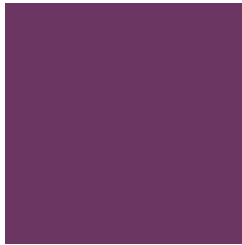
75005F



F500C7

Previews

White Background



This preview shows how the Hex color 6B3661 looks on a white background.

Color Contrast Check

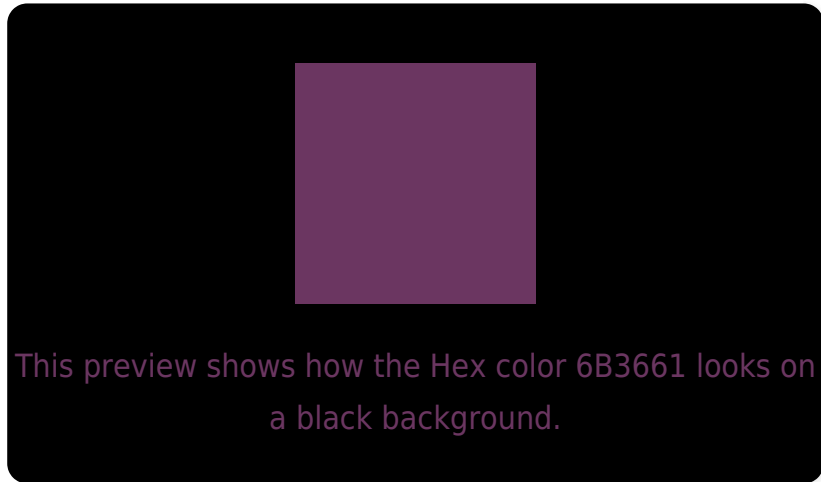
Large Text (above 18pt) WCAG AA ✓ Pass

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

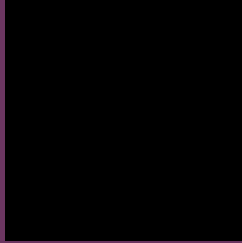
Any Text WCAG AA × Fail

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 6B3661 Background



This preview shows how black text looks on a background with the Hex color 6B3661.



This preview shows how white text looks on a background with the Hex color 6B3661.

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
6B3661

Protanopia
3C486F

Deuteranopia
46485E



Tritanopia
673D42

Trichromacy



Original Color
6B3661

Protanomaly
4D416A

Deuteranomaly
53415F

Tritanomaly
683A4D

Monochromacy



Original Color
6B3661

Achromatopsia
4B4B4B

Achromatomaly
574353

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B3661 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 #6B3661 looks like.

```
.text, #text, p{  
    color:#6B3661  
}
```

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 #6B3661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3661
}
```

Border

The CSS property to change the border of an element to Hex 6B3661 is called "border". The border property can be set on classes, ids or directly on the HTML element.

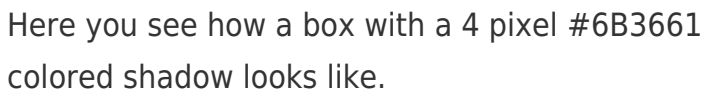
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B3661 }
```

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

```
.border{ border-color:#6B3661 }
```

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



Here you see how a box with a 4 pixel #6B3661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3661; -webkit-box-shadow:4px 4px  
4px 4px #6B3661; box-shadow:4px 4px 4px  
4px #6B3661 }
```

Background

The CSS property to change the background color of an element to Hex 6B3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3661 }
```

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

```
.background{ background-color:#6B3661 }
```

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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