

Converting Colors

Hex(6A3477)

Have a look what the booklet for
Hex(6A3477) contains.

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Color

Hex(6A3477)

Conversions

Conversions Part 1

Format	Color
Hex	6A3477
RGB	106, 52, 119
RGB Percent	42%, 20%, 47%
CMY	0.5843, 0.7961, 0.5333
CMYK	0.11, 0.56, 0.00, 0.53
HSL	288°, 39%, 34%
HSV	288°, 56%, 47%
XYZ	10.5016, 6.8521, 18.2218
YIQ	75.7840, 10.6770, 32.2850

Conversions

Conversions Part 2

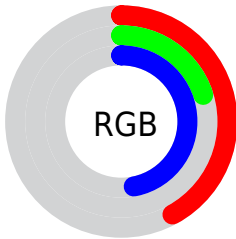
Format	Color
R_{YB}	106, 52, 119
Decimal	6960247
CIE _{Lab}	31.47, 35.32, -28.37
CIE _{LCh}	31, 45.308, 321.226
Yxy	6.8521, 0.2952, 0.1926
Android (android.graphics.Color)	4285150327 (0xFF6A3477)
YUV	75.7840, 21.3055, 26.4994
Hunter-Lab	26.1764, 25.8029, -22.9492

Details

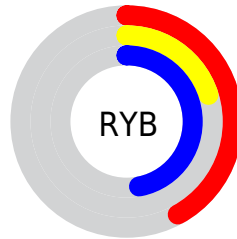
The Hex color **6A3477** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **417734**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9F65AC**, and **380246** is the 20% darker color. If you saturate the color by 10%, you get **682877**, and if you desaturate by 10%, it is **6C4077**.

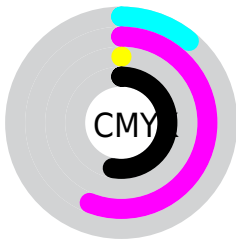
Distribution



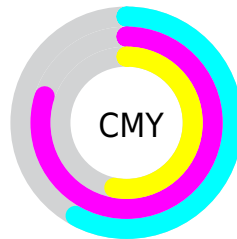
- Red (42%)
- Green (20%)
- Blue (47%)



- Red (42%)
- Yellow (20%)
- Blue (47%)



- Cyan (11%)
- Magenta (56%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (80%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3477 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 6A3477 by changing the saturation by 10% instead.

6A3477

6A3477

FFFFFF

511C5E

9F65AC

380246

BB7FC7

240030

D799E3

00011A

F4B5FF

000000

FFD0FF

FFEDFF

6A3477

6A3477

682877

6C4077

651C77

6F4C77

631077

715877

610477

736477

600077

766F77

787B77

7A8777

7C9377

7F9F77

Harmonies

Analogous

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



31458D



6A3477



842556

Triad

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



6A3477



634500



005A63

Complementary

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



6A3477



417734

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.



00593E



6A3477



425000

Square

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



6A3477



7B3512



0C561A



005881

Rectangle

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



6A3477



89233E



0C561A



005A57

Sweetspot

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



6A3477



96819C



344177



4C3F4F



CFCFCF



4F4F4F

Same Dimension

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



6A3477



87329C



773463



3A353B



63007A



C900FA

Inverse Universe

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



773441



9C3246



347748



3B3536



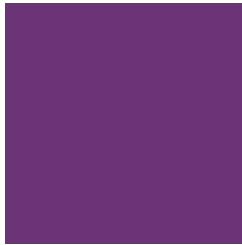
7A0018



FA0030

Previews

White Background



This preview shows how the Hex color 6A3477 looks on a white background.

Color Contrast Check

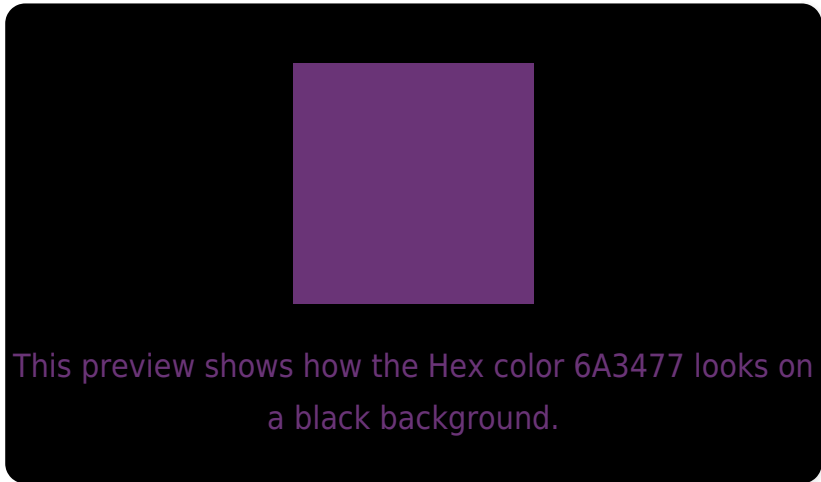
Large Text (above 18pt) WCAG AA ✓ Pass

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

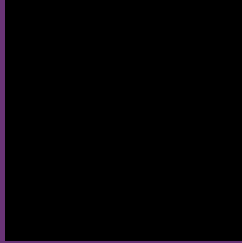
Any Text WCAG AA × Fail

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 6A3477 Background



This preview shows how black text looks on a background with the Hex color 6A3477.



This preview shows how white text looks on a background with the Hex color 6A3477.

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
6A3477

Protanopia
29498A

Deuteranopia
364A73



Tritanopia
634146

Trichromacy



Original Color
6A3477

Protanomaly
414183

Deuteranomaly
494274

Tritanomaly
663C58

Monochromacy



Original Color
6A3477

Achromatopsia
4C4C4C

Achromatomaly
57435C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3477 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 #6A3477 looks like.

```
.text, #text, p{  
    color:#6A3477  
}
```

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 #6A3477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3477  
}
```

Border

The CSS property to change the border of an element to Hex 6A3477 is called "border". The border property can be set on classes, ids or directly on the HTML element.

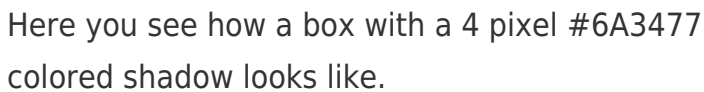
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6A3477 }
```

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

```
.border{ border-color:#6A3477 }
```

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



Here you see how a box with a 4 pixel #6A3477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3477; -webkit-box-shadow:4px 4px  
4px 4px #6A3477; box-shadow:4px 4px 4px  
4px #6A3477 }
```

Background

The CSS property to change the background color of an element to Hex 6A3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3477 }
```

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

```
.background{ background-color:#6A3477 }
```

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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