

Converting Colors

Hex(6D2B47)

Have a look what the booklet for
Hex(6D2B47) contains.

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Color

Hex(6D2B47)

Conversions

Conversions Part 1

Format	Color
Hex	6D2B47
RGB	109, 43, 71
RGB Percent	43%, 17%, 28%
CMY	0.5725, 0.8314, 0.7216
CMYK	0.00, 0.61, 0.35, 0.57
HSL	335°, 43%, 30%
HSV	335°, 61%, 43%
XYZ	8.3079, 5.4339, 6.5722
YIQ	65.9260, 30.3480, 22.7000

Conversions

Conversions Part 2

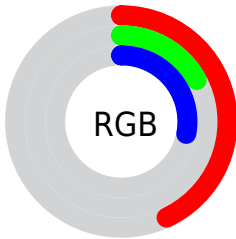
Format	Color
R_{YB}	109, 43, 71
Decimal	7154503
CIE _{Lab}	27.94, 32.52, -2.70
CIE _{LCh}	28, 32.627, 355.252
Yxy	5.4339, 0.4090, 0.2675
Android (android.graphics.Color)	4285344583 (0xFF6D2B47)
YUV	65.9260, 2.5015, 37.7759
Hunter-Lab	23.3107, 22.8232, -0.3987

Details

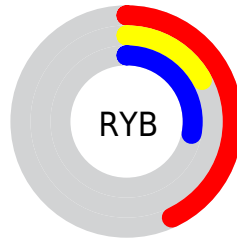
The Hex color **6D2B47** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2B6D51**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A35C77**, and **3A001C** is the 20% darker color. If you saturate the color by 10%, you get **6D2041**, and if you desaturate by 10%, it is **6D364D**.

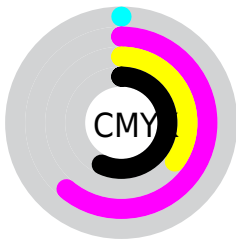
Distribution



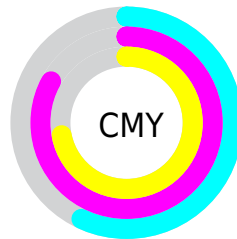
- Red (43%)
- Green (17%)
- Blue (28%)



- Red (43%)
- Yellow (17%)
- Blue (28%)



- Cyan (0%)
- Magenta (61%)
- Yellow (35%)
- Black (57%)



- Cyan (57%)
- Magenta (83%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D2B47 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 6D2B47 by changing the saturation by 10% instead.

6D2B47

6D2B47

FFFFFF

531231

A35C77

3A001C

BF7591

250001

DB90AB

000000

F8ABC7

FFC6E3

FFE3FF

6D2B47

6D2B47

6D2041

6D364D

 6D153A

 6D4154

 6D0A34

 6D4C5A

 6D002E

 6D5760

 6D6266

 6D6C6D

 6D7773

 6D8279

 6D8D7F

Harmonies

Analogous

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



5D325F



6D2B47



6F2D2E

Triad

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



6D2B47



3A4711



004C6B

Complementary

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



6D2B47



2B6D51

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.



004E57



6D2B47



194C24

Square

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



6D2B47



533F0C



004E3D



004674

Rectangle

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



6D2B47



69321F



004E3D



004D65

Sweetspot

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



6D2B47



8F7580



502B6D



47383E



C7C7C7



474747

Same Dimension

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



6D2B47



8F2753



6D2F2B



363032



750032



F50068

Inverse Universe

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



6D2B47



8F2753



2B696D



363032



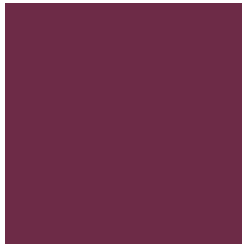
750032



F50068

Previews

White Background



This preview shows how the Hex color 6D2B47 looks on a white background.

Color Contrast Check

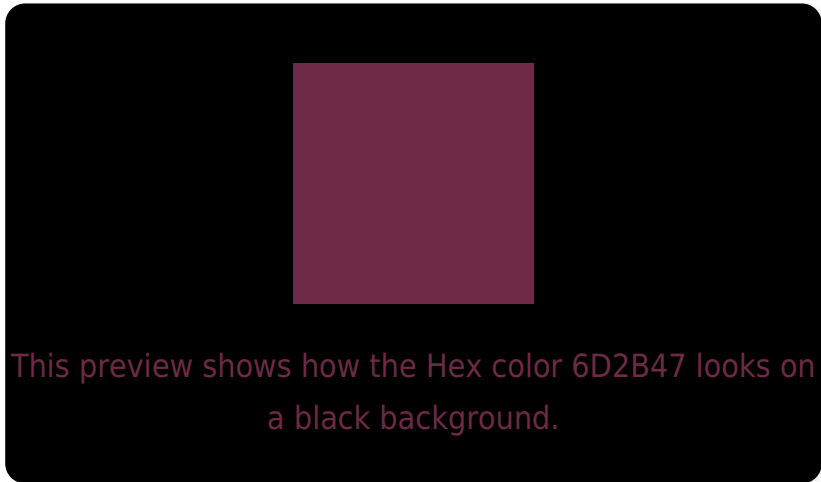
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D2B47 Background



This preview shows how black text looks on a background with the Hex color 6D2B47.



This preview shows how white text looks on a background with the Hex color 6D2B47.

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
6D2B47

Protanopia
3E4256

Deuteranopia
494144



Tritanopia
6B2F33

Trichromacy



Original Color
6D2B47

Protanomaly
4F3A51

Deuteranomaly
563945

Tritanomaly
6C2E3A

Monochromacy



Original Color
6D2B47

Achromatopsia
424242

Achromatomaly
523A44

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D2B47 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 #6D2B47 looks like.

```
.text, #text, p{  
    color:#6D2B47  
}
```

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 #6D2B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2B47
}
```

Border

The CSS property to change the border of an element to Hex 6D2B47 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
#6D2B47 }
```

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

```
.border{ border-color:#6D2B47 }
```

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

Here you see how a box with a 4 pixel #6D2B47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2B47; -webkit-box-shadow:4px 4px  
4px 4px #6D2B47; box-shadow:4px 4px 4px  
4px #6D2B47 }
```

Background

The CSS property to change the background color of an element to Hex 6D2B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2B47 }
```

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

```
.background{ background-color:#6D2B47 }
```

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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