

Converting Colors

Hex(6D2D6B)

Have a look what the booklet for
Hex(6D2D6B) contains.

Hex(6D2D6B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D2D6B)

Conversions

Conversions Part 1

Format	Color
Hex	6D2D6B
RGB	109, 45, 107
RGB Percent	43%, 18%, 42%
CMY	0.5725, 0.8235, 0.5804
CMYK	0.00, 0.59, 0.02, 0.57
HSL	302°, 42%, 30%
HSV	302°, 59%, 43%
XYZ	9.8989, 6.1895, 14.5829
YIQ	71.2040, 18.2420, 32.8500

Conversions

Conversions Part 2

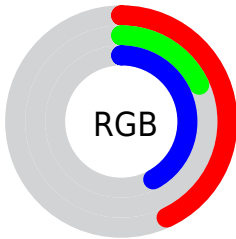
Format	Color
R_{YB}	109, 45, 107
Decimal	7155051
CIE _{Lab}	29.89, 37.46, -23.21
CIE _{LCh}	30, 44.071, 328.215
Yxy	6.1895, 0.3227, 0.2018
Android (android.graphics.Color)	4285345131 (0xFF6D2D6B)
YUV	71.2040, 17.6474, 33.1471
Hunter-Lab	24.8787, 27.4848, -17.3382

Details

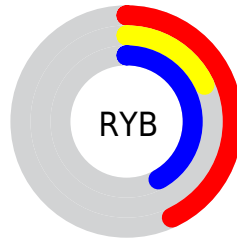
The Hex color **6D2D6B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2D6D2F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A25F9F**, and **3B003B** is the 20% darker color. If you saturate the color by 10%, you get **6D226B**, and if you desaturate by 10%, it is **6D386B**.

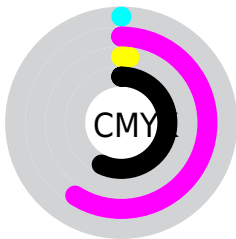
Distribution



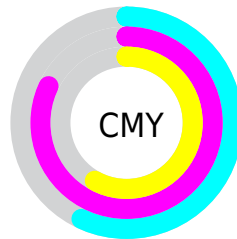
- Red (43%)
- Green (18%)
- Blue (42%)



- Red (43%)
- Yellow (18%)
- Blue (42%)



- Cyan (0%)
- Magenta (59%)
- Yellow (2%)
- Black (57%)



- Cyan (57%)
- Magenta (82%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D2D6B 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 6D2D6B by changing the saturation by 10% instead.

6D2D6B

6D2D6B

FFFFFF

531453

A25F9F

3B003B

BE78BA

270026

DA93D6

00010E

F7AEF2

000000

FFCAFF

FFE6FF

6D2D6B

6D2D6B

6D226B

6D386B

6D176A

6D436C

6D0C6A

6D4E6C

6D016A

6D596C

6D006A

6D636D

6D6E6D

6D796D

6D846E

6D8F6E

Harmonies

Analogous

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



403E83



6D2D6B



81214A

Triad

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



6D2D6B



584400



005666

Complementary

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



6D2D6B



2D6D2F

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.



005643



6D2D6B



364E00

Square

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



6D2D6B



713608



005320



005380

Rectangle

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



6D2D6B



822233



005320



00565B

Sweetspot

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



6D2D6B



8F758E



2E2D6D



473847



C7C7C7



474747

Same Dimension

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



6D2D6B



8F2B8C



6D2D4C



363035



750072



F500ED

Inverse Universe

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



6D2D6B



8F2B8C



2D6D4E



363035



750072



F500ED

Previews

White Background



This preview shows how the Hex color 6D2D6B looks on a white background.

Color Contrast Check

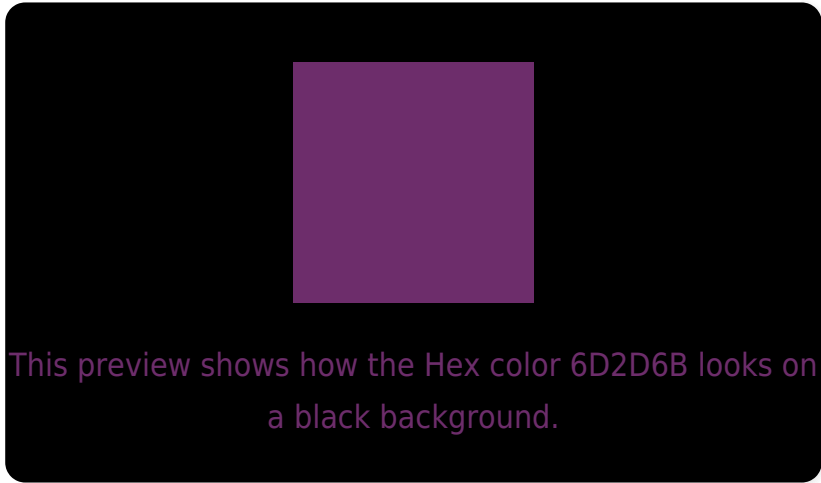
Large Text (above 18pt) WCAG AA ✓ Pass

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

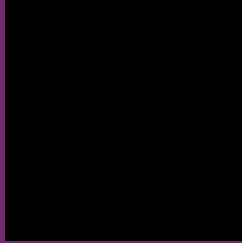
Any Text WCAG AA × Fail

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 6D2D6B Background



This preview shows how black text looks on a background with the Hex color 6D2D6B.




This preview shows how white text looks on a background with the Hex color 6D2D6B.

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





Tritanopia
68393E

Trichromacy



Original Color
6D2D6B



Protanomaly
423C79



Deuteranomaly
4D3E68



Tritanomaly
6A354E

Monochromacy



Original Color
6D2D6B



Achromatopsia
474747



Achromatomaly
553E54

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D2D6B 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 #6D2D6B looks like.

```
.text, #text, p{  
    color:#6D2D6B  
}
```

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 #6D2D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2D6B
}
```

Border

The CSS property to change the border of an element to Hex 6D2D6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

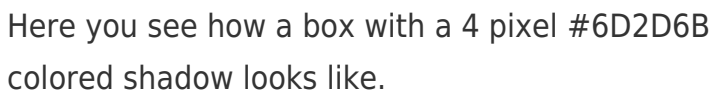
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D2D6B }
```

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

```
.border{ border-color:#6D2D6B }
```

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



Here you see how a box with a 4 pixel #6D2D6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2D6B; -webkit-box-shadow:4px 4px  
4px 4px #6D2D6B; box-shadow:4px 4px 4px  
4px #6D2D6B }
```

Background

The CSS property to change the background color of an element to Hex 6D2D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2D6B }
```

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

```
.background{ background-color:#6D2D6B }
```

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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