

Converting Colors

Hex(6D3D82)

Have a look what the booklet for
Hex(6D3D82) contains.

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Color

Hex(6D3D82)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 6D3D82 |
| RGB | 109, 61, 130 |
| RGB Percent | 43%, 24%, 51% |
| CMY | 0.5725, 0.7608, 0.4902 |
| CMYK | 0.16, 0.53, 0.00, 0.49 |
| HSL | 282°, 36%, 37% |
| HSV | 282°, 53%, 51% |
| XYZ | 12.0047, 8.2004, 22.0692 |
| YIQ | 83.2180, 6.4590, 31.6350 |

Conversions

Conversions Part 2

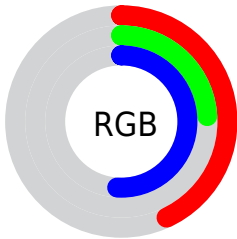
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 109, 61, 130 |
| Decimal | 7159170 |
| CIE _{Lab} | 34.40, 33.64, -30.59 |
| CIE _{LCh} | 34, 45.468, 317.716 |
| Yxy | 8.2004, 0.2840, 0.1940 |
| Android (android.graphics.Color) | 4285349250 (0xFF6D3D82) |
| YUV | 83.2180, 23.0635, 22.6108 |
| Hunter-Lab | 28.6363, 24.7156, -25.6477 |

Details

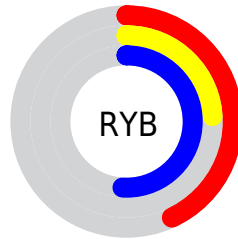
The Hex color **6D3D82** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **52823D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A26EB7**, and **3B0D50** is the 20% darker color. If you saturate the color by 10%, you get **693082**, and if you desaturate by 10%, it is **714A82**.

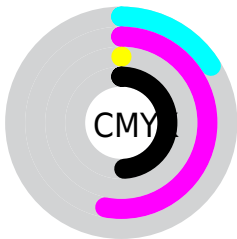
Distribution



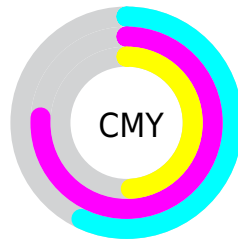
- Red (43%)
- Green (24%)
- Blue (51%)



- Red (43%)
- Yellow (24%)
- Blue (51%)



- Cyan (16%)
- Magenta (53%)
- Yellow (0%)
- Black (49%)



- Cyan (57%)
- Magenta (76%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D3D82 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 6D3D82 by changing the saturation by 10% instead.

6D3D82

6D3D82

FFFFFF

542569

A26EB7

3B0D50

BE88D3

240039

DAA3F0

000023

F7BEFF

000009

FFDAFF

000000

FFF7FF

6D3D82

6D3D82

693082

714A82

652382

755782

611682

796482

5D0982

7D7182

5A0082

817E82

858B82

899882

8DA582

91B282

Harmonies

Analogous

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



2F4E96



6D3D82



8A2E61

Triad

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



6D3D82



6E4A00



006266

Complementary

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



6D3D82



52823D

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.



006140



6D3D82



4E5600

Square

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



6D3D82



863A1C



205D1C



006086

Rectangle

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



6D3D82



912B49



205D1C



00615A

Sweetspot

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



6D3D82



A08DA8



3D5382



4F4454



D4D4D4



545454

Same Dimension

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



6D3D82



883DA8



823D75



3E3940



590080



000000

Inverse Universe

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



823D52



A83D5D



3D824A



40393B



800027



000000

Previews

White Background



This preview shows how the Hex color 6D3D82 looks on a white background.

Color Contrast Check

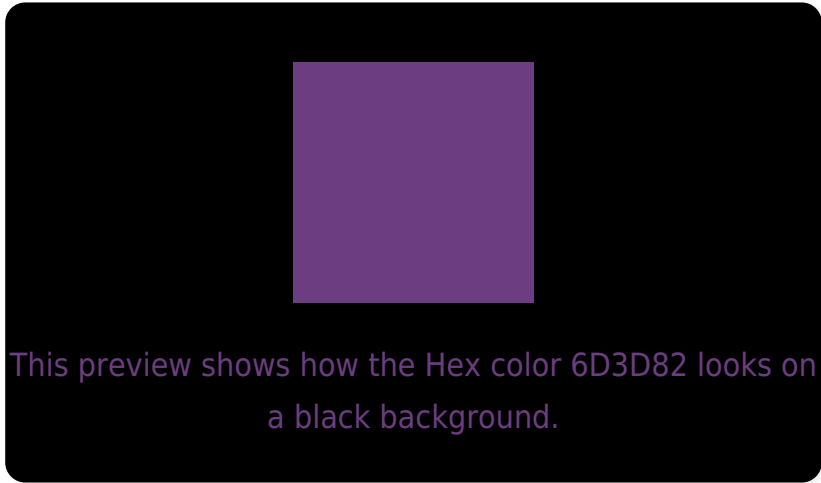
Large Text (above 18pt) WCAG AA ✓ Pass

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

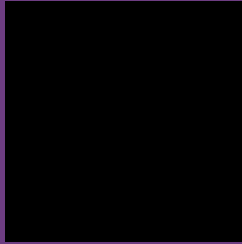
Any Text WCAG AA × Fail

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 6D3D82 Background



This preview shows how black text looks on a background with the Hex color 6D3D82.



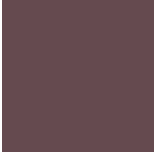
This preview shows how white text looks on a background with the Hex color 6D3D82.

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
654A4F

Trichromacy



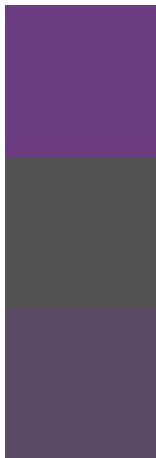
Original Color
6D3D82

Protanomaly
46488D

Deuteranomaly
4D4A7F

Tritanomaly
684562

Monochromacy



Original Color
6D3D82

Achromatopsia
535353

Achromatomaly
5C4B64

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D3D82 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 #6D3D82 looks like.

```
.text, #text, p{  
    color:#6D3D82  
}
```

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 #6D3D82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3D82
}
```

Border

The CSS property to change the border of an element to Hex 6D3D82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

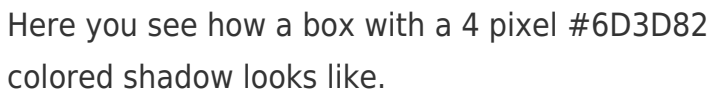
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D3D82 }
```

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

```
.border{ border-color:#6D3D82 }
```

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



Here you see how a box with a 4 pixel #6D3D82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3D82; -webkit-box-shadow:4px 4px  
4px 4px #6D3D82; box-shadow:4px 4px 4px  
4px #6D3D82 }
```

Background

The CSS property to change the background color of an element to Hex 6D3D82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3D82 }
```

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

```
.background{ background-color:#6D3D82 }
```

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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