

Converting Colors

Hex(4D3681)

Have a look what the booklet for
Hex(4D3681) contains.

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Color

Hex(4D3681)

Conversions

Conversions Part 1

Format	Color
Hex	4D3681
RGB	77, 54, 129
RGB Percent	30%, 21%, 51%
CMY	0.6980, 0.7882, 0.4941
CMYK	0.40, 0.58, 0.00, 0.49
HSL	258°, 41%, 36%
HSV	258°, 58%, 51%
XYZ	8.3422, 5.8011, 21.4489
YIQ	69.4270, -10.3670, 28.2010

Conversions

Conversions Part 2

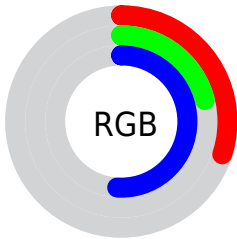
Format	Color
R_{YB}	77, 54, 129
Decimal	5060225
CIE _{Lab}	28.90, 28.65, -38.95
CIE _{LCh}	29, 48.349, 306.335
Yxy	5.8011, 0.2344, 0.1630
Android (android.graphics.Color)	4283250305 (0xFF4D3681)
YUV	69.4270, 29.3695, 6.6415
Hunter-Lab	24.0855, 19.6753, -35.9399

Details

The Hex color **4D3681** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6A8136**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **8166B6**, and **190A4F** is the 20% darker color. If you saturate the color by 10%, you get **442981**, and if you desaturate by 10%, it is **564381**.

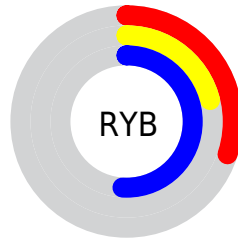
Distribution



Red (30%)

Green (21%)

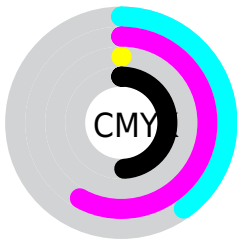
Blue (51%)



Red (30%)

Yellow (21%)

Blue (51%)

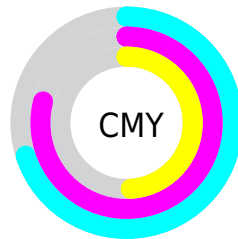


Cyan (40%)

Magenta (58%)

Yellow (0%)

Black (49%)



Cyan (70%)

Magenta (79%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D3681 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 4D3681 by changing the saturation by 10% instead.

■ 4D3681

■ 4D3681

FFFFFF

■ 332067

■ 8166B6

■ 190A4F

■ 9C7FD2

■ 020038

■ B899EF

■ 000221

■ D4B4FF

■ 000006

■ F1D0FF

■ 000000

■ FFECFF

■ 4D3681

■ 4D3681

■ 442981

■ 564381

■ 3B1C81

■ 5F5081

■ 320F81

■ 685D81

■ 290281

■ 716A81

■ 280081

■ 7A7781

■ 838381

■ 8C9081

■ 959D81

■ 9DAA81

Harmonies

Analogous

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



00468F



4D3681



762163

Triad

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



4D3681



6B3700



00544B

Complementary

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



4D3681



6A8136

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.



005224



4D3681



4D4500

Square

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



4D3681



7F231A



244E00



005470

Rectangle

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



4D3681



82154A



244E00



00543E

Sweetspot

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



4D3681



948CA8



366A81



484354



D4D4D4



545454

Same Dimension

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



4D3681



5732A8



723681



3B3940



270080



000000

Inverse Universe

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



81366A



A83284



458136



40393E



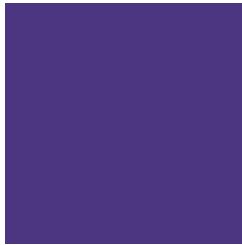
800058



000000

Previews

White Background



This preview shows how the Hex color 4D3681 looks on a white background.

Color Contrast Check

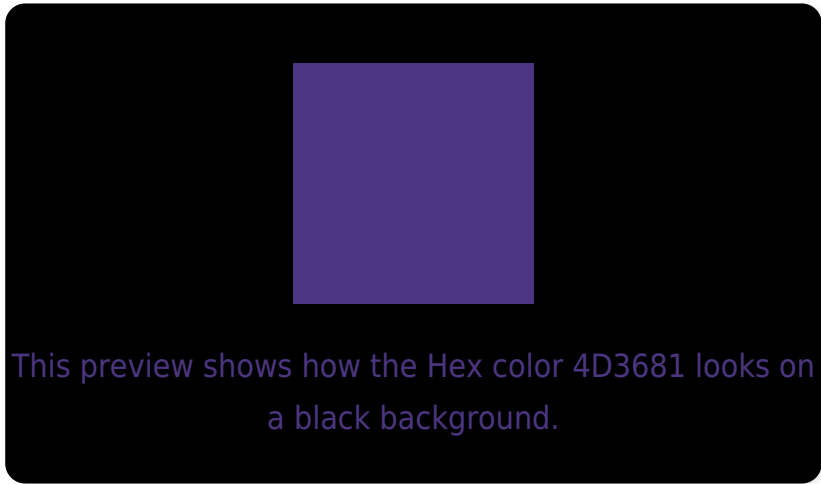
Large Text (above 18pt) WCAG AA ✓ Pass

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

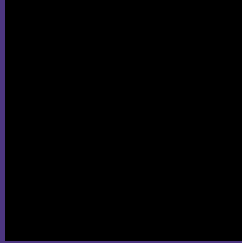
Any Text WCAG AA × Fail

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 4D3681 Background



This preview shows how black text looks on a background with the Hex color 4D3681.



This preview shows how white text looks on a background with the Hex color 4D3681.

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](#).

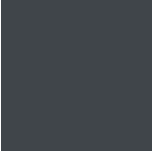
Dichromacy



Original Color
4D3681

Protanopia
00428C

Deuteranopia
00467B



Tritanopia
40454A

Trichromacy



Original Color
4D3681

Protanomaly
1C3E88

Deuteranomaly
1C407D

Tritanomaly
45405E

Monochromacy



Original Color
4D3681

Achromatopsia
454545

Achromatomaly
48405B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D3681 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 #4D3681 looks like.

```
.text, #text, p{  
    color:#4D3681  
}
```

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 #4D3681 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3681
}
```

Border

The CSS property to change the border of an element to Hex 4D3681 is called "border". The border property can be set on classes, ids or directly on the HTML element.

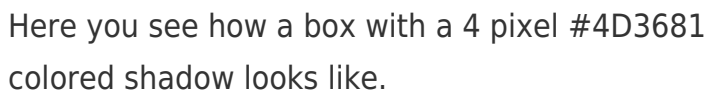
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D3681 }
```

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

```
.border{ border-color:#4D3681 }
```

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



Here you see how a box with a 4 pixel #4D3681 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3681; -webkit-box-shadow:4px 4px  
4px 4px #4D3681; box-shadow:4px 4px 4px  
4px #4D3681 }
```

Background

The CSS property to change the background color of an element to Hex 4D3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3681 }
```

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

```
.background{ background-color:#4D3681 }
```

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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