

Converting Colors

Hex(4D3468)

Have a look what the booklet for
Hex(4D3468) contains.

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Color

Hex(4D3468)

Conversions

Conversions Part 1

Format	Color
Hex	4D3468
RGB	77, 52, 104
RGB Percent	30%, 20%, 41%
CMY	0.6980, 0.7961, 0.5922
CMYK	0.26, 0.50, 0.00, 0.59
HSL	269°, 33%, 31%
HSV	269°, 50%, 41%
XYZ	6.7872, 5.0332, 13.7105
YIQ	65.4030, -1.7920, 21.4720

Conversions

Conversions Part 2

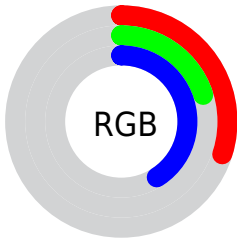
Format	Color
RYB	77, 52, 104
Decimal	5059688
CIELab	26.83, 22.83, -26.40
CIELCh	27, 34.903, 310.850
Yxy	5.0332, 0.2658, 0.1971
Android (android.graphics.Color)	4283249768 (0xFF4D3468)
YUV	65.4030, 19.0283, 10.1706
Hunter-Lab	22.4349, 14.7408, -20.5291

Details

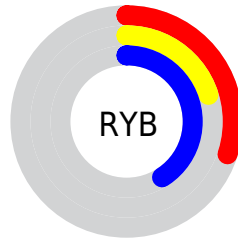
The Hex color **4D3468** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4F6834**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7F639C**, and **1E0938** is the 20% darker color. If you saturate the color by 10%, you get **482A68**, and if you desaturate by 10%, it is **523E68**.

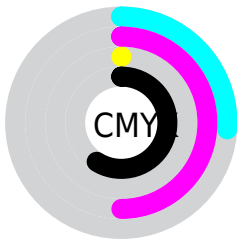
Distribution



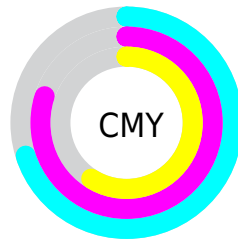
- Red (30%)
- Green (20%)
- Blue (41%)



- Red (30%)
- Yellow (20%)
- Blue (41%)



- Cyan (26%)
- Magenta (50%)
- Yellow (0%)
- Black (59%)



- Cyan (70%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D3468 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 4D3468 by changing the saturation by 10% instead.

■ 4D3468

■ 4D3468

FFFFFF

■ 351E50

■ 7F639C

■ 1E0938

■ 9A7CB6

■ 000023

■ B596D2

■ 000009

■ D1B1EF

■ 000000

■ EDCDFF

■ FFE9FF

■ 4D3468

■ 4D3468

■ 482A68

■ 523E68

■ 421F68

■ 584968

■ 3D1568

■ 5D5368

■ 370A68

■ 635E68

■ 320068

■ 686868

■ 6D7268

■ 737D68

■ 788768

■ 7E9268

Harmonies

Analogous

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



183F74



4D3468



672952

Triad

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



4D3468



5B3809



004C49

Complementary

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



4D3468



4F6834

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.



004B2D



4D3468



444103

Square

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



4D3468



6A2D1E



264714



004B62

Rectangle

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



4D3468



6E2540



264714



004C3F

Sweetspot

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



4D3468



7D7387



345068



3E3845



C4C4C4



454545

Same Dimension

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



4D3468



5D3687



663468



302E33



370073



7400F2

Inverse Universe

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



68344F



873660



366834



332E31



73003C



F2007E

Previews

White Background



This preview shows how the Hex color 4D3468 looks on a white background.

Color Contrast Check

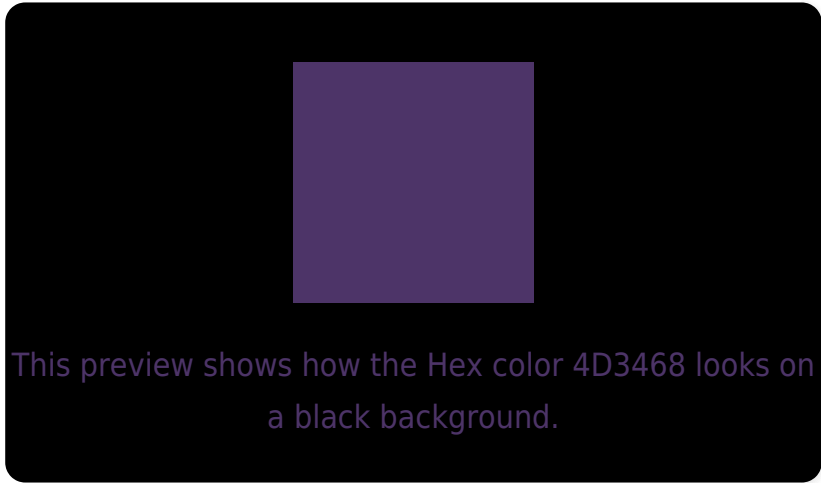
Large Text (above 18pt) WCAG AA ✓ Pass

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

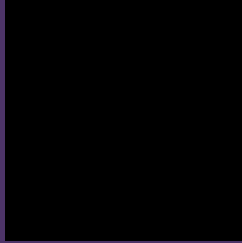
Any Text WCAG AA × Fail

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 4D3468 Background



This preview shows how black text looks on a background with the Hex color 4D3468.

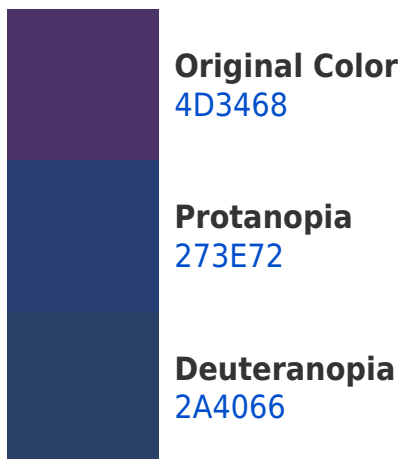


This preview shows how white text looks on a background with the Hex color 4D3468.

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
463D42

Trichromacy



Original Color
4D3468

Protanomaly
353A6E

Deuteranomaly
373C67

Tritanomaly
493A50

Monochromacy



Original Color
4D3468

Achromatopsia
414141

Achromatomaly
453C4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D3468 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 #4D3468 looks like.

```
.text, #text, p{  
    color:#4D3468  
}
```

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 #4D3468 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3468
}
```

Border

The CSS property to change the border of an element to Hex 4D3468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

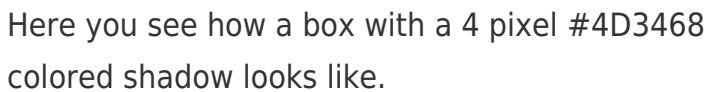
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D3468 }
```

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

```
.border{ border-color:#4D3468 }
```

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



Here you see how a box with a 4 pixel #4D3468 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3468; -webkit-box-shadow:4px 4px  
4px 4px #4D3468; box-shadow:4px 4px 4px  
4px #4D3468 }
```

Background

The CSS property to change the background color of an element to Hex 4D3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3468 }
```

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

```
.background{ background-color:#4D3468 }
```

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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