

Converting Colors

Hex(4A1768)

Have a look what the booklet for
Hex(4A1768) contains.

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Color

Hex(4A1768)

Conversions

Conversions Part 1

Format	Color
Hex	4A1768
RGB	74, 23, 104
RGB Percent	29%, 9%, 41%
CMY	0.7098, 0.9098, 0.5922
CMYK	0.29, 0.78, 0.00, 0.59
HSL	278°, 64%, 25%
HSV	278°, 78%, 41%
XYZ	5.6291, 3.0681, 13.3922
YIQ	47.4830, 4.3950, 36.0030

Conversions

Conversions Part 2

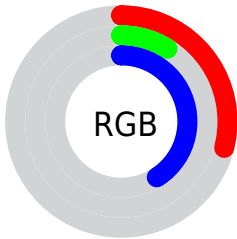
Format	Color
RYB	74, 23, 104
Decimal	4855656
CIELab	20.31, 38.37, -36.85
CIELCh	20, 53.199, 316.155
Yxy	3.0681, 0.2548, 0.1389
Android (android.graphics.Color)	4283045736 (0xFF4A1768)
YUV	47.4830, 27.8629, 23.2554
Hunter-Lab	17.5160, 26.7115, -33.0701

Details

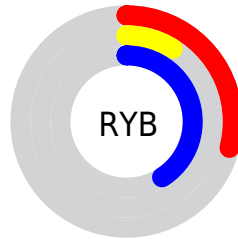
The Hex color **4A1768** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **356817**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7E489C**, and **1D0038** is the 20% darker color. If you saturate the color by 10%, you get **460D68**, and if you desaturate by 10%, it is **4E2168**.

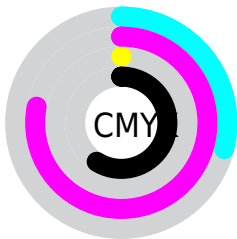
Distribution



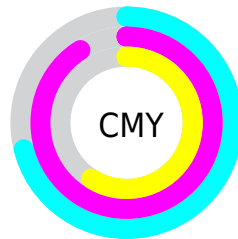
- Red (29%)
- Green (9%)
- Blue (41%)



- Red (29%)
- Yellow (9%)
- Blue (41%)



- Cyan (29%)
- Magenta (78%)
- Yellow (0%)
- Black (59%)



- Cyan (71%)
- Magenta (91%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A1768 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 4A1768 by changing the saturation by 10% instead.

■ 4A1768

■ 4A1768

FFFFFF

■ 31004F

■ 7E489C

■ 1D0038

■ 9961B7

■ 000222

■ B47AD3

■ 000007

■ D195EF

■ 000000

■ EEB0FF

■ FFCCFF

■ FFE8FF

■ 4A1768

■ 4A1768

■ 460D68

■ 4E2168

■ 420268

■ 522C68

■ 410068

■ 563668

■ 594168

■ 5D4B68

■ 615568

■ 656068

■ 696A68

■ 6D7568

Harmonies

Analogous

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



002F7E



4A1768



6B0045

Triad

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



4A1768



4C2900



004046

Complementary

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



4A1768



356817

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.



003F1D



4A1768



2A3600

Square

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



4A1768



650E00



003C00



004069

Rectangle

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



4A1768



71002B



003C00



004038

Sweetspot

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



4A1768



7C6887



173668



3E3245



C4C4C4



454545

Same Dimension

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



4A1768



590987



68175F



312E33



480073



9900F2

Inverse Universe

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



681735



870938



176820



332E30



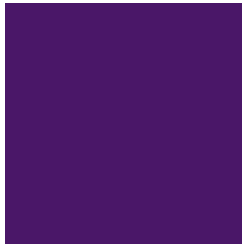
73002B



F2005A

Previews

White Background



This preview shows how the Hex color 4A1768 looks on a white background.

Color Contrast Check

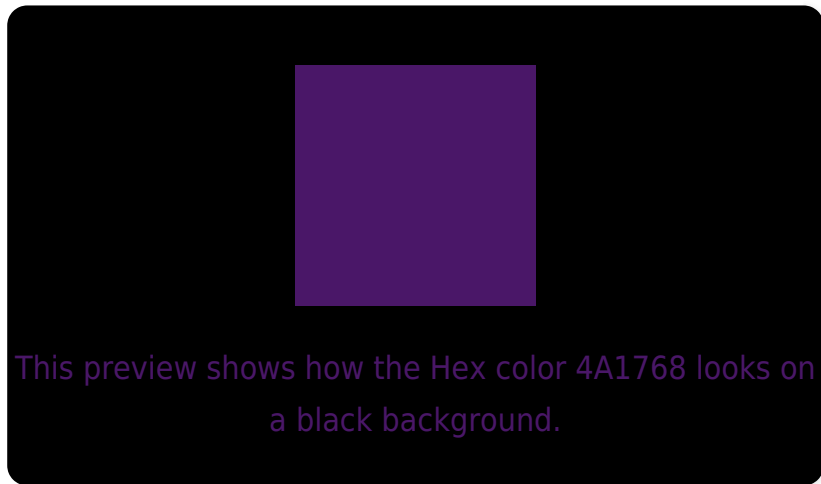
Large Text (above 18pt) WCAG AA ✓ Pass

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

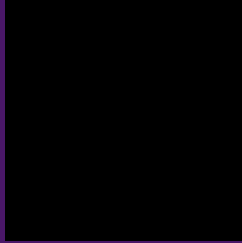
Any Text WCAG AA × Fail

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 4A1768 Background



This preview shows how black text looks on a background with the Hex color 4A1768.



This preview shows how white text looks on a background with the Hex color 4A1768.

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
4A1768

Protanopia
003167

Deuteranopia
00345A



Tritanopia
402D30

Trichromacy



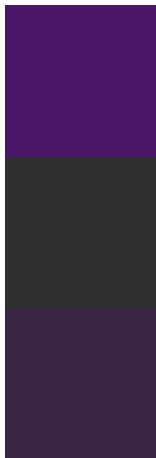
Original Color
4A1768

Protanomaly
1B2867

Deuteranomaly
1B295F

Tritanomaly
442544

Monochromacy



Original Color
4A1768

Achromatopsia
2F2F2F

Achromatomaly
392644

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A1768 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 #4A1768 looks like.

```
.text, #text, p{  
    color:#4A1768  
}
```

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 #4A1768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A1768
}
```

Border

The CSS property to change the border of an element to Hex 4A1768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

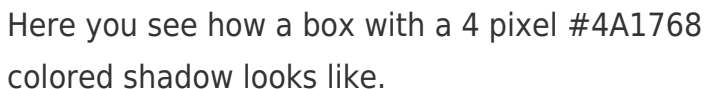
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A1768 }
```

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

```
.border{ border-color:#4A1768 }
```

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



Here you see how a box with a 4 pixel #4A1768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A1768; -webkit-box-shadow:4px 4px  
4px 4px #4A1768; box-shadow:4px 4px 4px  
4px #4A1768 }
```

Background

The CSS property to change the background color of an element to Hex 4A1768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A1768 }
```

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

```
.background{ background-color:#4A1768 }
```

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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