

Converting Colors

Hex(4A3161)

Have a look what the booklet for
Hex(4A3161) contains.

Hex(4A3161)	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(4A3161)

Conversions

Conversions Part 1

Format	Color
Hex	4A3161
RGB	74, 49, 97
RGB Percent	29%, 19%, 38%
CMY	0.7098, 0.8078, 0.6196
CMYK	0.24, 0.49, 0.00, 0.62
HSL	271°, 33%, 29%
HSV	271°, 49%, 38%
XYZ	6.0800, 4.5155, 11.8604
YIQ	61.9470, -0.5080, 20.2280

Conversions

Conversions Part 2

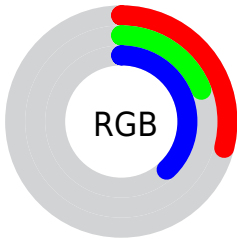
Format	Color
R_{YB}	74, 49, 97
Decimal	4862305
CIE _{Lab}	25.31, 21.92, -24.30
CIE _{LCh}	25, 32.722, 312.054
Yxy	4.5155, 0.2708, 0.2011
Android (android.graphics.Color)	4283052385 (0xFF4A3161)
YUV	61.9470, 17.2811, 10.5705
Hunter-Lab	21.2498, 13.8855, -18.2174

Details

The Hex color **4A3161** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **486131**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7C6094**, and **1C0532** is the 20% darker color. If you saturate the color by 10%, you get **452761**, and if you desaturate by 10%, it is **4F3B61**.

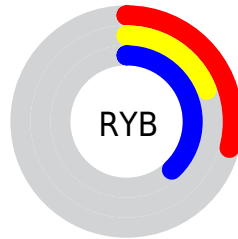
Distribution



Red (29%)

Green (19%)

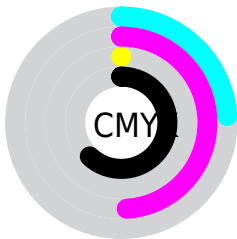
Blue (38%)



Red (29%)

Yellow (19%)

Blue (38%)

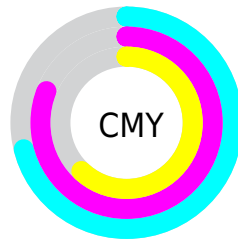


Cyan (24%)

Magenta (49%)

Yellow (0%)

Black (62%)



Cyan (71%)

Magenta (81%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A3161 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 4A3161 by changing the saturation by 10% instead.

■ 4A3161

■ 4A3161

FFFFFF

■ 321B49

■ 7C6094

■ 1C0532

■ 9679AF

■ 00001D

■ B193CA

■ 000000

■ CDADE6

■ E9C9FF

■ FFE5FF

■ 4A3161

■ 4A3161

■ 452761

■ 4F3B61

411E61

534461

3C1461

584E61

370A61

5D5861

330161

616261

330061

666B61

6B7561

6F7F61

748861

Harmonies

Analogous

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



1C3B6D



4A3161



61274C

Triad

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



4A3161



553509



004846

Complementary

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



4A3161



486131

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.



00472C



4A3161



3F3E05

Square

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



4A3161



642B1C



244415



00475D

Rectangle

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



4A3161



68243B



244415



00483D

Sweetspot

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



4A3161



746A7D



314861



3A3440



BFBFBF



404040

Same Dimension

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



4A3161



5A337D



613160



2E2C30



3A0070



7D00F0

Inverse Universe

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



613148



7D3357



316132



302C2E



700036



F00073

Previews

White Background



This preview shows how the Hex color 4A3161 looks on a white background.

Color Contrast Check

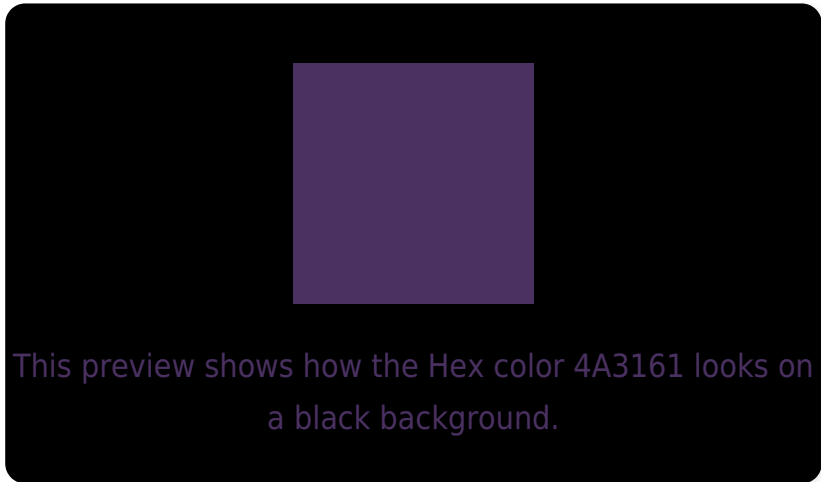
Large Text (above 18pt) WCAG AA ✓ Pass

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

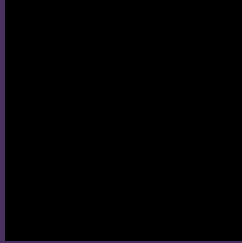
Any Text WCAG AA × Fail

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 4A3161 Background



This preview shows how black text looks on a background with the Hex color 4A3161.



This preview shows how white text looks on a background with the Hex color 4A3161.

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](#).

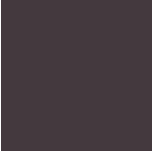
Dichromacy



Original Color
4A3161

Protanopia
273B6A

Deuteranopia
2A3C5F



Tritanopia
44393E

Trichromacy



Original Color
4A3161

Protanomaly
343767

Deuteranomaly
363860

Tritanomaly
46364B

Monochromacy



Original Color
4A3161

Achromatopsia
3E3E3E

Achromatomaly
42394B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A3161 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 #4A3161 looks like.

```
.text, #text, p{  
    color:#4A3161  
}
```

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 #4A3161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A3161
}
```

Border

The CSS property to change the border of an element to Hex 4A3161 is called "border". The border property can be set on classes, ids or directly on the HTML element.

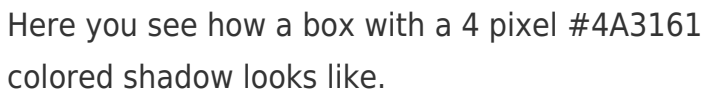
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A3161 }
```

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

```
.border{ border-color:#4A3161 }
```

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



Here you see how a box with a 4 pixel #4A3161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A3161; -webkit-box-shadow:4px 4px  
4px 4px #4A3161; box-shadow:4px 4px 4px  
4px #4A3161 }
```

Background

The CSS property to change the background color of an element to Hex 4A3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A3161 }
```

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

```
.background{ background-color:#4A3161 }
```

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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