

Converting Colors

Hex(4A4366)

Have a look what the booklet for
Hex(4A4366) contains.

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Color

Hex(4A4366)

Conversions

Conversions Part 1

Format	Color
Hex	4A4366
RGB	74, 67, 102
RGB Percent	29%, 26%, 40%
CMY	0.7098, 0.7373, 0.6000
CMYK	0.27, 0.34, 0.00, 0.60
HSL	252°, 21%, 33%
HSV	252°, 34%, 40%
XYZ	7.2295, 6.4295, 13.4303
YIQ	73.0830, -7.0630, 12.3690

Conversions

Conversions Part 2

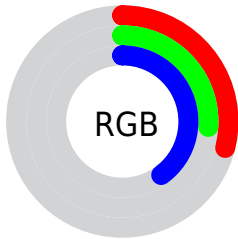
Format	Color
R_{YB}	74, 67, 102
Decimal	4866918
CIE _{Lab}	30.47, 11.54, -19.43
CIE _{LCh}	30, 22.604, 300.706
Yxy	6.4295, 0.2669, 0.2373
Android (android.graphics.Color)	4283056998 (0xFF4A4366)
YUV	73.0830, 14.2561, 0.8042
Hunter-Lab	25.3564, 6.5192, -13.6543

Details

The Hex color **4A4366** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5F6643**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7B7399**, and **1C1837** is the 20% darker color. If you saturate the color by 10%, you get **423966**, and if you desaturate by 10%, it is **524D66**.

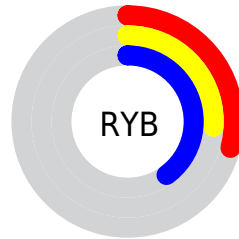
Distribution



 Red (29%)

 Green (26%)

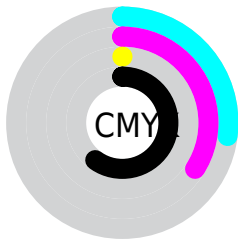
 Blue (40%)



 Red (29%)

 Yellow (26%)

 Blue (40%)

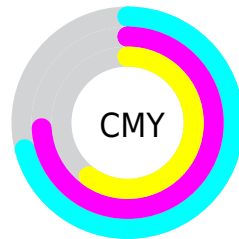


 Cyan (27%)

 Magenta (34%)

 Yellow (0%)

 Black (60%)



 Cyan (71%)

 Magenta (74%)

 Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4366 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 4A4366 by changing the saturation by 10% instead.

■ 4A4366

■ 4A4366

FFFFFF

■ 332D4E

■ 7B7399

■ 1C1837

■ 968DB4

■ 080022

■ B0A7D0

■ 000007

■ CCC2EC

■ 000000

■ E8DEFF

■ FFFBFF

■ 4A4366

■ 4A4366

■ 423966

■ 524D66

■ 3A2F66

■ 5A5766

■ 322466

■ 626266

■ 291A66

■ 6B6C66

■ 211066

■ 737666

■ 190666

■ 7B8066

■ 140066

■ 838A66

■ 8B9566

■ 939F66

Harmonies

Analogous

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



2D496B



4A4366



5E3D59

Triad

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



4A4366



614129



0D5148

Complementary

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



4A4366



5F6643

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.



2B4F36



4A4366



534724

Square

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



4A4366



693B37



404C29



005159

Rectangle

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



4A4366



663A4E



404C29



195141

Sweetspot

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



4A4366



7A7785



435F66



3C3A42



C2C2C2



424242

Same Dimension

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



4A4366



594E85



5C4366



2F2E33



170073



3000F2

Inverse Universe

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



66435F



854E7A



4E6643



332E32



73005C



F200C2

Previews

White Background



This preview shows how the Hex color 4A4366 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

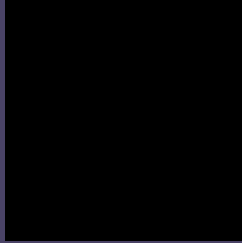
Any Text WCAG AA × Fail

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 4A4366 Background



This preview shows how black text looks on a background with the Hex color 4A4366.

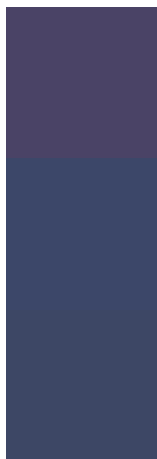


This preview shows how white text looks on a background with the Hex color 4A4366.

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

4A4366

Protanopia

3C4769

Deuteranopia

3D4765



Tritanopia
45484E

Trichromacy



Original Color
4A4366

Protanomaly
414668

Deuteranomaly
424665

Tritanomaly
474657

Monochromacy



Original Color
4A4366

Achromatopsia
494949

Achromatomaly
494754

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4366 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 #4A4366 looks like.

```
.text, #text, p{  
    color:#4A4366  
}
```

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 #4A4366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4366
}
```

Border

The CSS property to change the border of an element to Hex 4A4366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

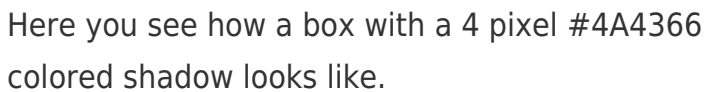
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4366 }
```

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

```
.border{ border-color:#4A4366 }
```

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



Here you see how a box with a 4 pixel #4A4366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4366; -webkit-box-shadow:4px 4px  
4px 4px #4A4366; box-shadow:4px 4px 4px  
4px #4A4366 }
```

Background

The CSS property to change the background color of an element to Hex 4A4366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4366 }
```

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

```
.background{ background-color:#4A4366 }
```

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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