

Converting Colors

Hex(4B3864)

Have a look what the booklet for
Hex(4B3864) contains.

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Color

Hex(4B3864)

Conversions

Conversions Part 1

Format	Color
Hex	4B3864
RGB	75, 56, 100
RGB Percent	29%, 22%, 39%
CMY	0.7059, 0.7804, 0.6078
CMYK	0.25, 0.44, 0.00, 0.61
HSL	266°, 28%, 31%
HSV	266°, 44%, 39%
XYZ	6.6161, 5.2443, 12.7201
YIQ	66.6970, -2.8000, 17.7120

Conversions

Conversions Part 2

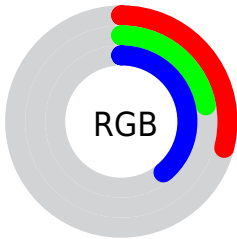
Format	Color
R_{YB}	75, 56, 100
Decimal	4929636
CIE _{Lab}	27.42, 18.53, -22.91
CIE _{LCh}	27, 29.462, 308.961
Yxy	5.2443, 0.2692, 0.2134
Android (android.graphics.Color)	4283119716 (0xFF4B3864)
YUV	66.6970, 16.4184, 7.2817
Hunter-Lab	22.9004, 11.4939, -16.9025

Details

The Hex color **4B3864** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **516438**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7D6797**, and **1D0E35** is the 20% darker color. If you saturate the color by 10%, you get **452E64**, and if you desaturate by 10%, it is **514264**.

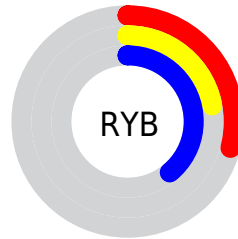
Distribution



Red (29%)

Green (22%)

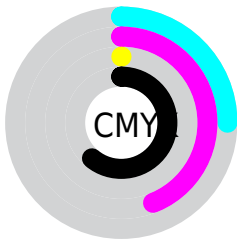
Blue (39%)



Red (29%)

Yellow (22%)

Blue (39%)

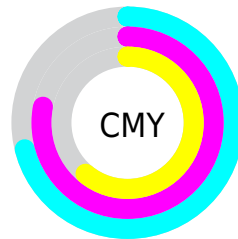


Cyan (25%)

Magenta (44%)

Yellow (0%)

Black (61%)



Cyan (71%)

Magenta (78%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3864 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 4B3864 by changing the saturation by 10% instead.

■ 4B3864

■ 4B3864

FFFFFF

■ 33224C

■ 7D6797

■ 1D0E35

■ 9780B2

■ 000020

■ B29BCE

■ 000003

■ CEB5EA

■ 000000

■ EAD1FF

■ FFEDFF

■ 4B3864

■ 4B3864

■ 452E64

■ 514264

■ 402464

■ 564C64

■ 3A1A64

■ 5C5664

■ 341064

■ 626064

■ 2F0664

■ 676A64

■ 2B0064

■ 6D7464

■ 737E64

■ 788864

■ 7E9264

Harmonies

Analogous

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



23416D



4B3864



613051

Triad

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



4B3864



5A3A16



004C47

Complementary

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



4B3864



516438

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.



054B30



4B3864



474211

Square

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



4B3864



673126



2F471C



004B5D

Rectangle

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



4B3864



692D42



2F471C



004C3F

Sweetspot

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



4B3864



787182



385264



3C3842



C2C2C2



424242

Same Dimension

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



4B3864



5B3D82



603864



302E33



320073



6900F2

Inverse Universe

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



643851



823D64



3C6438



332E31



730041



F2008A

Previews

White Background



This preview shows how the Hex color 4B3864 looks on a white background.

Color Contrast Check

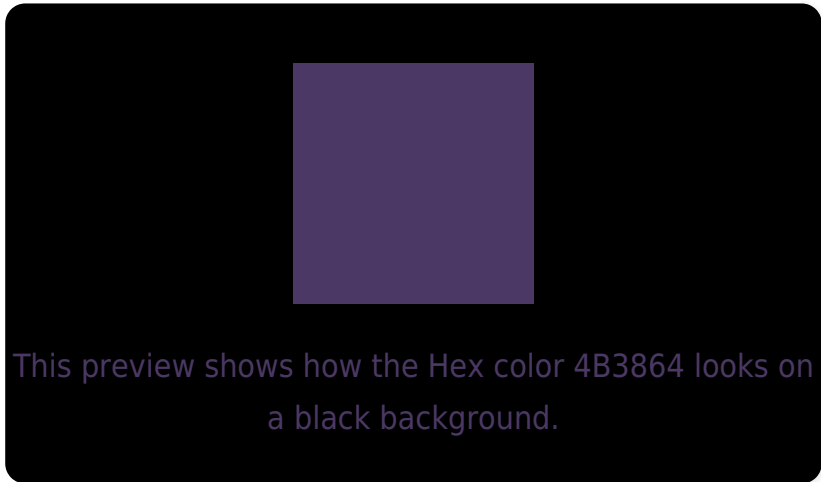
Large Text (above 18pt) WCAG AA ✓ Pass

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

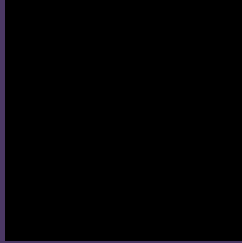
Any Text WCAG AA × Fail

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 4B3864 Background



This preview shows how black text looks on a background with the Hex color 4B3864.



This preview shows how white text looks on a background with the Hex color 4B3864.

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
4B3864

Protanopia
30406B

Deuteranopia
314162



Tritanopia
453F44

Trichromacy



Original Color
4B3864

Protanomaly
3A3D68

Deuteranomaly
3A3E63

Tritanomaly
473C50

Monochromacy



Original Color
4B3864

Achromatopsia
434343

Achromatomaly
463F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3864 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 #4B3864 looks like.

```
.text, #text, p{  
    color:#4B3864  
}
```

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 #4B3864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3864
}
```

Border

The CSS property to change the border of an element to Hex 4B3864 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
#4B3864 }
```

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

```
.border{ border-color:#4B3864 }
```

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

Here you see how a box with a 4 pixel #4B3864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3864; -webkit-box-shadow:4px 4px  
4px 4px #4B3864; box-shadow:4px 4px 4px  
4px #4B3864 }
```

Background

The CSS property to change the background color of an element to Hex 4B3864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3864 }
```

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

```
.background{ background-color:#4B3864 }
```

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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