

# Converting Colors

Hex(4B4574)

Have a look what the booklet for  
Hex(4B4574) contains.

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# Color

**Hex(4B4574)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B4574
RGB	75, 69, 116
RGB Percent	29%, 27%, 45%
CMY	0.7059, 0.7294, 0.5451
CMYK	0.35, 0.41, 0.00, 0.55
HSL	248°, 25%, 36%
HSV	248°, 41%, 45%
XYZ	8.1822, 7.0131, 17.4454
YIQ	76.1520, -11.5110, 15.8890

# Conversions

## Conversions Part 2

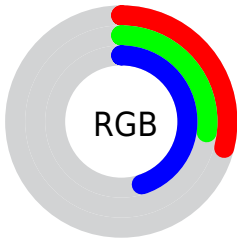
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 69, 116
Decimal	4932980
CIE <sub>Lab</sub>	31.84, 14.58, -26.15
CIE <sub>LCh</sub>	32, 29.940, 299.144
Yxy	7.0131, 0.2507, 0.2149
Android (android.graphics.Color)	4283123060 (0xFF4B4574)
YUV	76.1520, 19.6451, -1.0103
Hunter-Lab	26.4822, 8.8071, -20.5204

# Details

The Hex color **4B4574** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6E7445**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7D75A8**, and **1B1A43** is the 20% darker color. If you saturate the color by 10%, you get **413974**, and if you desaturate by 10%, it is **555174**.

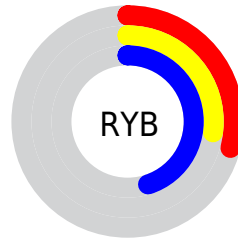
# Distribution



Red (29%)

Green (27%)

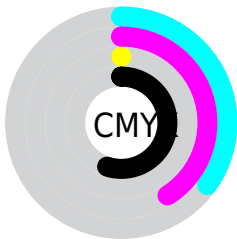
Blue (45%)



Red (29%)

Yellow (27%)

Blue (45%)

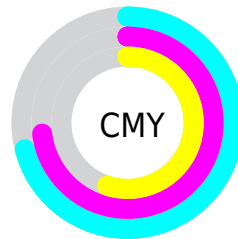


Cyan (35%)

Magenta (41%)

Yellow (0%)

Black (55%)



Cyan (71%)

Magenta (73%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B4574 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 4B4574 by changing the saturation by 10% instead.





4B4574



4B4574

FFFFFF



332F5B



7D75A8



1B1A43



988FC4



07002D



B3A9E0



000118



CFC5FC



000000



EBE1FF



FFFDFF



4B4574



4B4574



413974



555174

■ 372E74

■ 5F5C74

■ 2D2274

■ 696874

■ 231774

■ 737374

■ 180B74

■ 7E7F74

■ 0F0074

■ 888B74

■ 929674

■ 9CA274

■ A6AD74

# Harmonies

## Analogous

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



1A4E7A



4B4574



673C63

# Triad

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



4B4574



6B4123



005749

# Complementary

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



4B4574



6E7445

# 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.



235532



4B4574



59491A

# Square

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



4B4574



763935



415020



005661

# Rectangle

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



4B4574



723854



415020



005641



# Sweetspot

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



4B4574



878496



456F74



43424D



CCCCCC



4D4D4D



# Same Dimension

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



4B4574



564D96



624574



36353B



10007A



2000FA



# Inverse Universe

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



74456E



964D8D



577445



3B353A



7A006B



FA00DA



# Previews

## White Background



This preview shows how the Hex color 4B4574 looks on a white background.

## Color Contrast Check

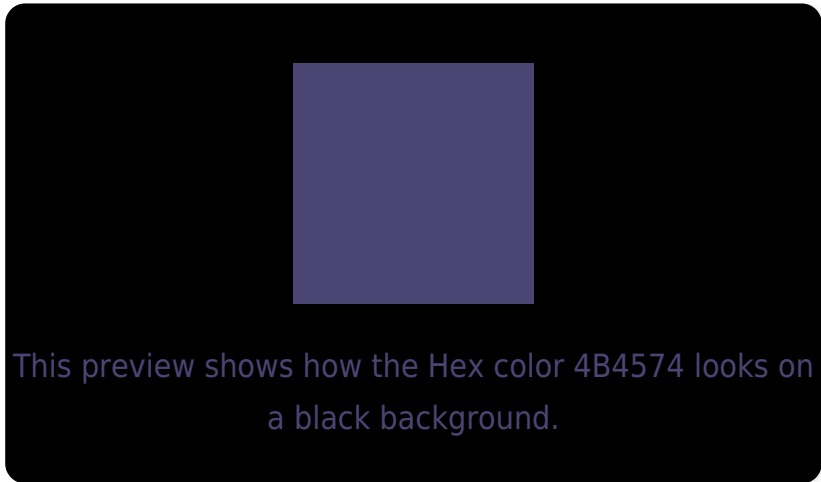
Large Text (above 18pt) WCAG AA ✓ Pass

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

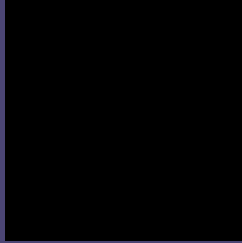
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B4574 Background



This preview shows how black text looks on a background with the Hex color 4B4574.



This preview shows how white text looks on a background with the Hex color 4B4574.

# 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**  
4B4574

**Protanopia**  
394978

**Deuteranopia**  
374B73



**Tritanopia**  
444C52

# Trichromacy



**Original Color**  
4B4574

**Protanomaly**  
404877

**Deuteranomaly**  
3E4973

**Tritanomaly**  
47495E

# Monochromacy



**Original Color**  
4B4574

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
4C495B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B4574 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 #4B4574 looks like.

```
.text, #text, p{  
    color:#4B4574  
}
```

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 #4B4574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4574  
}
```

## Border

The CSS property to change the border of an element to Hex 4B4574 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  
#4B4574 }
```

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

```
.border{ border-color:#4B4574 }
```

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

Here you see how a box with a 4 pixel #4B4574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4574; -webkit-box-shadow:4px 4px  
4px 4px #4B4574; box-shadow:4px 4px 4px  
4px #4B4574 }
```

# Background

The CSS property to change the background color of an element to Hex 4B4574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4574 }
```

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

```
.background{ background-color:#4B4574 }
```

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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