

Converting Colors

Hex(524374)

Have a look what the booklet for
Hex(524374) contains.

Hex(524374)	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(524374)

Conversions

Conversions Part 1

Format	Color
Hex	524374
RGB	82, 67, 116
RGB Percent	32%, 26%, 45%
CMY	0.6784, 0.7373, 0.5451
CMYK	0.29, 0.42, 0.00, 0.55
HSL	258°, 27%, 36%
HSV	258°, 42%, 45%
XYZ	8.6392, 7.0691, 17.4321
YIQ	77.0710, -6.7890, 18.4190

Conversions

Conversions Part 2

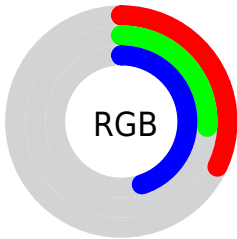
Format	Color
R_{YB}	82, 67, 116
Decimal	5391220
CIE _{Lab}	31.96, 18.07, -25.90
CIE _{LCh}	32, 31.583, 304.899
Yxy	7.0691, 0.2607, 0.2133
Android (android.graphics.Color)	4283581300 (0xFF524374)
YUV	77.0710, 19.1920, 4.3227
Hunter-Lab	26.5878, 11.4717, -20.2617

Details

The Hex color **524374** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **657443**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8573A8**, and **231843** is the 20% darker color. If you saturate the color by 10%, you get **4A3774**, and if you desaturate by 10%, it is **5A4F74**.

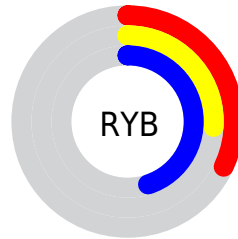
Distribution



Red (32%)

Green (26%)

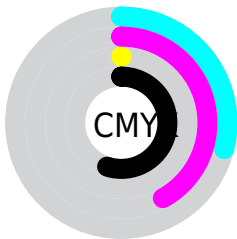
Blue (45%)



Red (32%)

Yellow (26%)

Blue (45%)

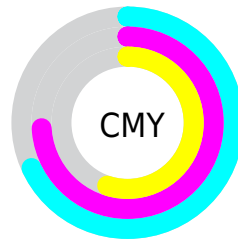


Cyan (29%)

Magenta (42%)

Yellow (0%)

Black (55%)



Cyan (68%)

Magenta (74%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 524374 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 524374 by changing the saturation by 10% instead.

■ 524374

■ 524374

FFFFFF

■ 3A2D5B

■ 8573A8

■ 231843

■ 9F8DC4

■ 10002D

■ BBA7E0

■ 000118

■ D7C3FC

■ 000000

■ F3DEFF

■ FFFBFF

■ 524374

■ 524374

■ 4A3774

■ 5A4F74

■ 422C74

■ 625A74

■ 3A2074

■ 6A6674

■ 321574

■ 727174

■ 2A0974

■ 7A7D74

■ 240074

■ 828974

■ 8A9474

■ 92A074

■ 9AAB74

Harmonies

Analogous

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



234D7D



524374



6D3961

Triad

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



524374



6A421E



00584F

Complementary

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



524374



657443

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.



165635



524374



554B17

Square

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



524374



773930



3B5220



005767

Rectangle

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



524374



763650



3B5220



005746

Sweetspot

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



524374



898396



436574



44404D



CCCCCC



4D4D4D

Same Dimension

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



524374



614A96



6A4374



37353B



25007A



4C00FA

Inverse Universe

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



744365



964A7F



4D7443



3B3539



7A0055



FA00AD

Previews

White Background



This preview shows how the Hex color 524374 looks on a white background.

Color Contrast Check

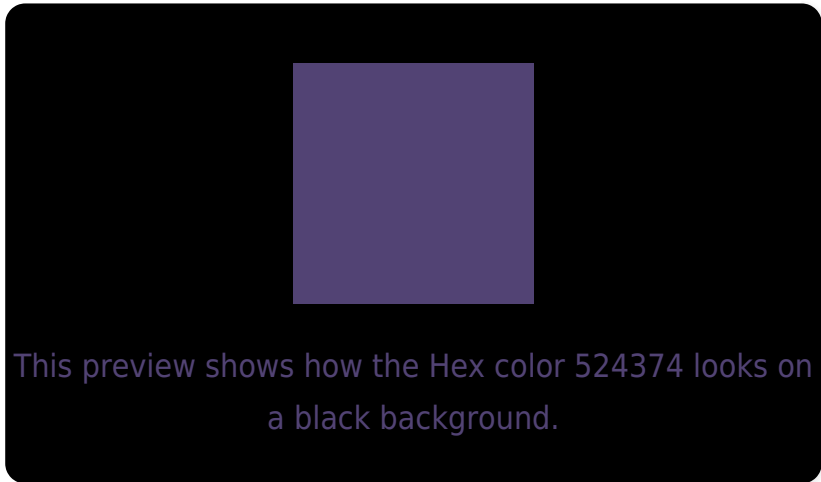
Large Text (above 18pt) WCAG AA ✓ Pass

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 524374 Background



This preview shows how black text looks on a background with the Hex color 524374.



This preview shows how white text looks on a background with the Hex color 524374.

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
524374

Protanopia
384A7A

Deuteranopia
394B72



Tritanopia
4B4B51

Trichromacy



Original Color
524374

Protanomaly
414778

Deuteranomaly
424873

Tritanomaly
4E485E

Monochromacy



Original Color
524374

Achromatopsia
4D4D4D

Achromatomaly
4F495B

CSS Examples

Text

The CSS property to change the color of the text to Hex 524374 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 #524374 looks like.

```
.text, #text, p{  
    color:#524374  
}
```

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 #524374 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #524374
}
```

Border

The CSS property to change the border of an element to Hex 524374 is called "border". The border property can be set on classes, ids or directly on the HTML element.

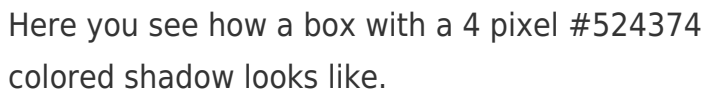
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#524374 }
```

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

```
.border{ border-color:#524374 }
```

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



Here you see how a box with a 4 pixel #524374 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #524374; -webkit-box-shadow:4px 4px  
4px 4px #524374; box-shadow:4px 4px 4px  
4px #524374 }
```

Background

The CSS property to change the background color of an element to Hex 524374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#524374 }
```

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

```
.background{ background-color:#524374 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor