

# Converting Colors

Hex(524258)

Have a look what the booklet for  
Hex(524258) contains.

<b>Hex(524258)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(524258)

# Conversions

## Conversions Part 1

Format	Color
Hex	524258
RGB	82, 66, 88
RGB Percent	32%, 26%, 35%
CMY	0.6784, 0.7412, 0.6549
CMYK	0.07, 0.25, 0.00, 0.65
HSL	284°, 14%, 30%
HSV	284°, 25%, 35%
XYZ	7.1893, 6.3948, 10.0879
YIQ	73.2920, 2.4740, 10.2340

# Conversions

## Conversions Part 2

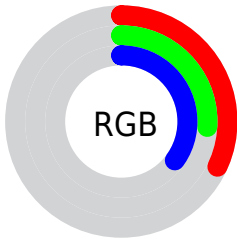
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 66, 88
Decimal	5390936
CIE Lab	30.39, 11.51, -10.52
CIE LCh	30, 15.593, 317.571
Yxy	6.3948, 0.3037, 0.2701
Android (android.graphics.Color)	4283581016 (0xFF524258)
YUV	73.2920, 7.2510, 7.6369
Hunter-Lab	25.2880, 6.4931, -5.9504

# Details

The Hex color **524258** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **485842**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **84728A**, and **25172B** is the 20% darker color. If you saturate the color by 10%, you get **503958**, and if you desaturate by 10%, it is **544B58**.

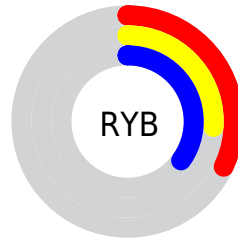
# Distribution



Red (32%)

Green (26%)

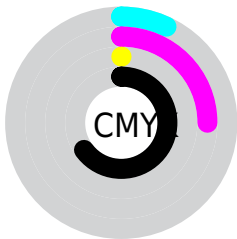
Blue (35%)



Red (32%)

Yellow (26%)

Blue (35%)

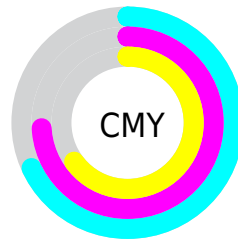


Cyan (7%)

Magenta (25%)

Yellow (0%)

Black (65%)



Cyan (68%)

Magenta (74%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 524258 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 524258 by changing the saturation by 10% instead.



■ 524258

■ 524258

FFFFFF

■ 3B2C41

■ 84728A

■ 25172B

■ 9E8CA4

■ 120017

■ B9A6BF

■ 000000

■ D4C1DB

■ F1DDF8

■ FFFAFF

■ 524258

■ 524258

■ 503958

■ 544B58

■ 4D3058

■ 575458

■ 4B2858

■ 595C58

■ 481F58

■ 5C6558

■ 461658

■ 5E6E58

■ 440D58

■ 607758

■ 410458

■ 638058

■ 400058

■ 658858

■ 689158

# Harmonies

## Analogous

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



42465F



524258



5C3F4D

# Triad

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



524258



554530



234E4E

# Complementary

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



524258



485842

# 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.



2D4E42



524258



494930

# Square

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



524258



5D4136



3B4C37



234D59

# Rectangle

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



524258



603F45



3B4C37



264E4A



# Sweetspot

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



524258



706A73



424858



39353B



BABABA



3B3B3B



# Same Dimension

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



524258



695073



584253



2A272B



4E006B



AB00EB



# Inverse Universe

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



584248



73505A



425847



2B2728



6B001D



EB0040



# Previews

## White Background



This preview shows how the Hex color 524258 looks on a white background.

## Color Contrast Check

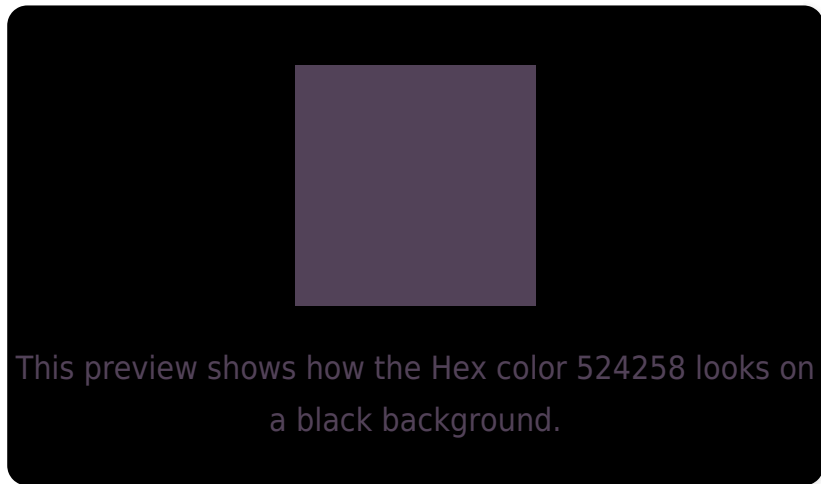
Large Text (above 18pt) WCAG AA ✓ Pass

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

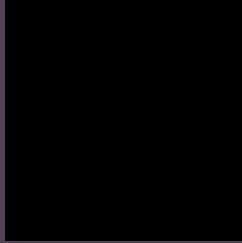
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 524258 Background



This preview shows how black text looks on a background with the Hex color 524258.

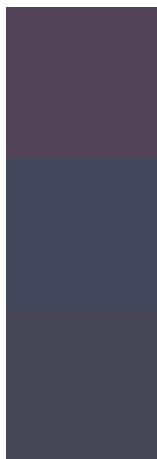


This preview shows how white text looks on a background with the Hex color 524258.

# 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](#).

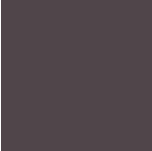
## Dichromacy



**Original Color**  
524258

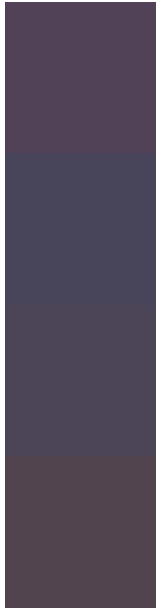
**Protanopia**  
42475B

**Deuteranopia**  
474657



**Tritanopia**  
50454A

# Trichromacy



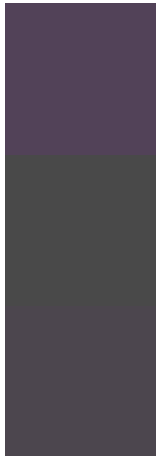
**Original Color**  
524258

**Protanomaly**  
48455A

**Deuteranomaly**  
4B4557

**Tritanomaly**  
51444F

# Monochromacy



**Original Color**  
524258

**Achromatopsia**  
494949

**Achromatomaly**  
4C464E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 524258 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 #524258 looks like.

```
.text, #text, p{  
    color:#524258  
}
```

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 #524258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #524258
}
```

## Border

The CSS property to change the border of an element to Hex 524258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

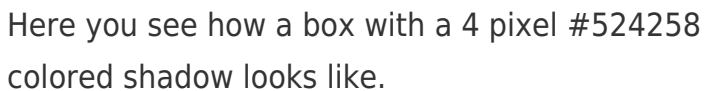
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#524258 }
```

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

```
.border{ border-color:#524258 }
```

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



Here you see how a box with a 4 pixel #524258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #524258; -webkit-box-shadow:4px 4px  
4px 4px #524258; box-shadow:4px 4px 4px  
4px #524258 }
```

# Background

The CSS property to change the background color of an element to Hex 524258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#524258 }
```

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

```
.background{ background-color:#524258 }
```

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