

Converting Colors

Hex(525242)

Have a look what the booklet for
Hex(525242) contains.

Hex(525242)	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(525242)

Conversions

Conversions Part 1

Format	Color
Hex	525242
RGB	82, 82, 66
RGB Percent	32%, 32%, 26%
CMY	0.6784, 0.6784, 0.7412
CMYK	0.00, 0.00, 0.20, 0.68
HSL	60°, 11%, 29%
HSV	60°, 20%, 32%
XYZ	7.4803, 8.2218, 6.3470
YIQ	80.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

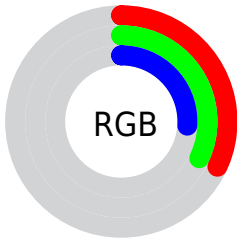
Format	Color
RYB	66, 82, 66
Decimal	5395010
CIELab	34.44, -3.14, 9.42
CIElCh	34, 9.931, 108.462
Yxy	8.2218, 0.3393, 0.3729
Android (android.graphics.Color)	4283585090 (0xFF525242)
YUV	80.1760, -6.9888, 1.5996
Hunter-Lab	28.6736, -3.6120, 6.9476

Details

The Hex color **525242** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **424252**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **848372**, and **252517** is the 20% darker color. If you saturate the color by 10%, you get **52523A**, and if you desaturate by 10%, it is **52524A**.

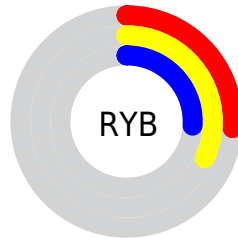
Distribution



 Red (32%)

 Green (32%)

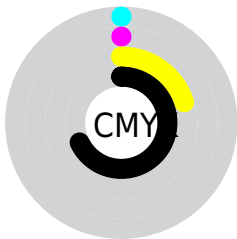
 Blue (26%)



 Red (26%)

 Yellow (32%)

 Blue (26%)

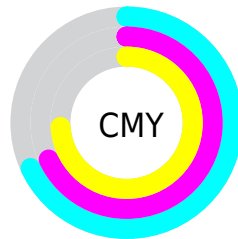


 Cyan (0%)

 Magenta (0%)

 Yellow (20%)

 Black (68%)



 Cyan (68%)

 Magenta (68%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 525242 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 525242 by changing the saturation by 10% instead.

■ 525242

■ 525242

FFFFFF

■ 3B3B2C

■ 848372

■ 252517

■ 9E9D8B

■ 101100

■ B9B8A6

■ 000000

■ D4D4C1

■ F1F0DD

■ FFFFF9

■ 525242

■ 525242

■ 52523A

■ 52524A

 525232

 525252

 525229

 52525B

 525221

 525263

 525219

 52526B

 525211

 525273

 525209

 52527B

 525200

 525284

 52528C

Harmonies

Analogous

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



5A4F42



525242



495446

Triad

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



525242



3E555C



5F4C54

Complementary

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



525242



424252

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.



584D5C



525242



445360

Square

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



525242



3C5656



4F5060



624C4C

Rectangle

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



525242



43554B



4F5060



5D4C57

Sweetspot

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



525242



6B6B65



524242



363632



B5B5B5



363636

Same Dimension

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



525242



6B6B52



4A5242



292925



696900



E8E800

Inverse Universe

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



424252



52526B



4A4252



252529



000069



0000E8

Previews

White Background



This preview shows how the Hex color 525242 looks on a white background.

Color Contrast Check

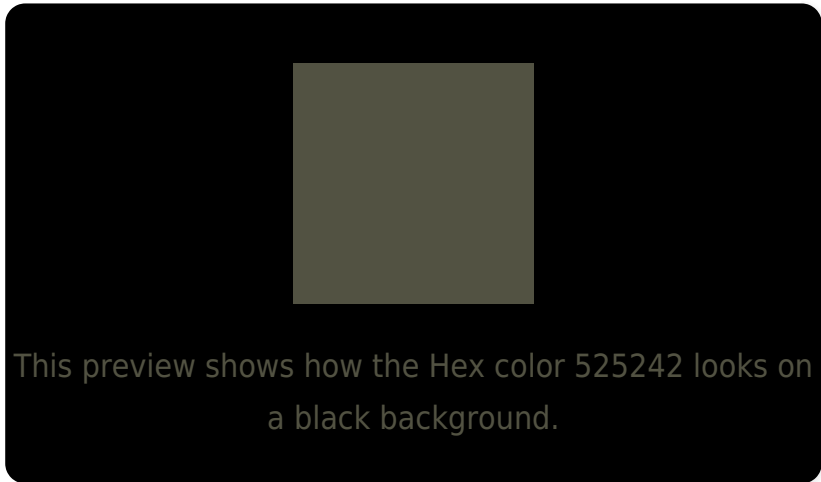
Large Text (above 18pt) WCAG AA ✓ Pass

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

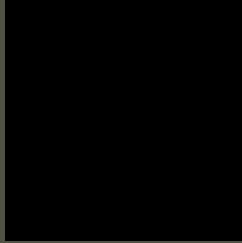
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

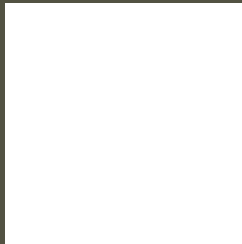
Any Text WCAG AAA × Fail

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

Hex 525242 Background



This preview shows how black text looks on a background with the Hex color 525242.

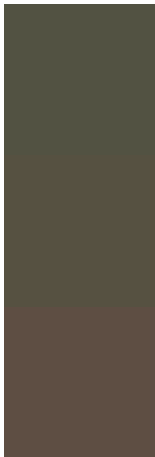


This preview shows how white text looks on a background with the Hex color 525242.

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
525242

Protanopia
565141

Deuteranopia
5E4E43



Tritanopia
554F56

Trichromacy



Original Color
525242

Protanomaly
555141

Deuteranomaly
5A4F43

Tritanomaly
54504F

Monochromacy



Original Color
525242

Achromatopsia
505050

Achromatomaly
51514B

CSS Examples

Text

The CSS property to change the color of the text to Hex 525242 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 #525242 looks like.

```
.text, #text, p{  
    color:#525242  
}
```

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 #525242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #525242
}
```

Border

The CSS property to change the border of an element to Hex 525242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

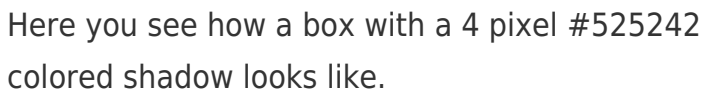
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#525242 }
```

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

```
.border{ border-color:#525242 }
```

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



Here you see how a box with a 4 pixel #525242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #525242; -webkit-box-shadow:4px 4px  
4px 4px #525242; box-shadow:4px 4px 4px  
4px #525242 }
```

Background

The CSS property to change the background color of an element to Hex 525242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#525242 }
```

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

```
.background{ background-color:#525242 }
```

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