

Converting Colors

Hex(525A55)

Have a look what the booklet for
Hex(525A55) contains.

Hex(525A55)	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(525A55)

Conversions

Conversions Part 1

Format	Color
Hex	525A55
RGB	82, 90, 85
RGB Percent	32%, 35%, 33%
CMY	0.6784, 0.6471, 0.6667
CMYK	0.09, 0.00, 0.06, 0.65
HSL	142°, 5%, 34%
HSV	142°, 9%, 35%
XYZ	8.7755, 9.7620, 10.0161
YIQ	87.0380, -3.1630, -3.2510

Conversions

Conversions Part 2

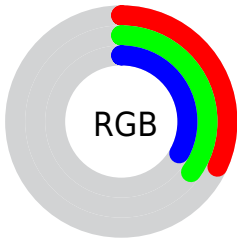
Format	Color
R_{YB}	82, 88, 90
Decimal	5397077
CIE Lab	37.41, -4.24, 1.81
CIE LCh	37, 4.606, 156.919
Yxy	9.7620, 0.3073, 0.3419
Android (android.graphics.Color)	4283587157 (0xFF525A55)
YUV	87.0380, -1.0047, -4.4183
Hunter-Lab	31.2443, -4.5424, 2.8642

Details

The Hex color **525A55** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A5257**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **838C87**, and **252C28** is the 20% darker color. If you saturate the color by 10%, you get **495A4F**, and if you desaturate by 10%, it is **5B5A5B**.

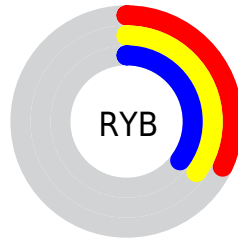
Distribution



Red (32%)

Green (35%)

Blue (33%)



Red (32%)

Yellow (35%)

Blue (35%)

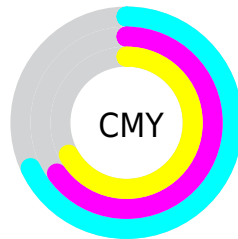


Cyan (9%)

Magenta (0%)

Yellow (6%)

Black (65%)



Cyan (68%)

Magenta (65%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 525A55 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 525A55 by changing the saturation by 10% instead.

■ 525A55

■ 525A55

FFFFFF

■ 3B433E

■ 838C87

■ 252C28

■ 9DA6A1

■ 111814

■ B8C2BC

■ 000000

■ D4DDD7

■ F0FAF4

■ 525A55

■ 525A55

■ 495A4F

■ 5B5A5B

■ 405A4A

■ 645A60

■ 375A44

■ 6D5A66

■ 2E5A3E

■ 765A6C

■ 255A39

■ 7F5A71

■ 1C5A33

■ 885A77

■ 135A2E

■ 915A7C

■ 0A5A28

■ 9A5A82

■ 015A22

■ A35A88

Harmonies

Analogous

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



565952



525A55



4F5A59

Triad

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



525A55



55585F



605654

Complementary

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



525A55



5A5257

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.



605657



525A55



5A575E

Square

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



525A55



51595F



5E565B



5E5751

Rectangle

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



525A55



4F5A5B



5E565B



605655

Sweetspot

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



525A55



727573



575A52



383B39



BABABA



3B3B3B

Same Dimension

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



525A55



68756D



525A59



292E2B



006E29



00ED59

Inverse Universe

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



5A5257



756870



5A5253



2E292C



6E0045



ED0094

Previews

White Background



This preview shows how the Hex color 525A55 looks on a white background.

Color Contrast Check

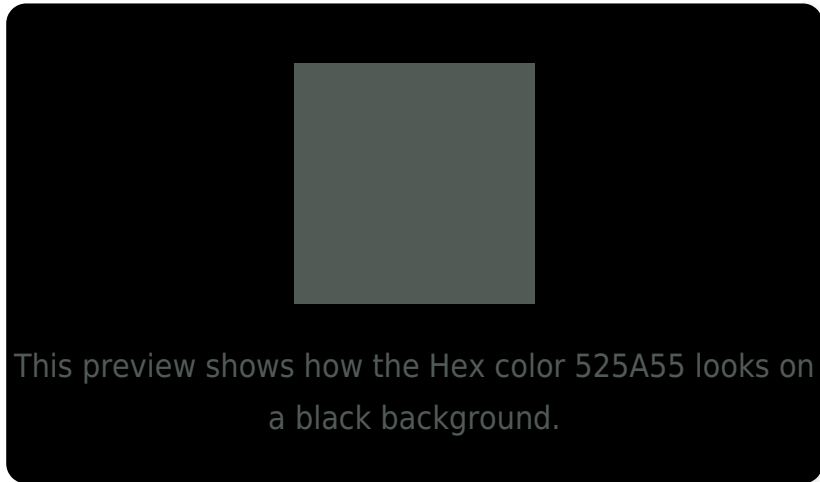
Large Text (above 18pt) WCAG AA ✓ Pass

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

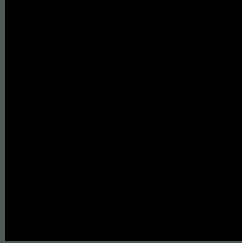
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

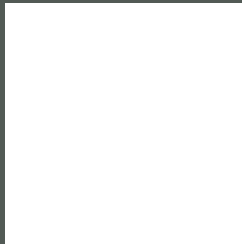
Any Text WCAG AAA × Fail

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

Hex 525A55 Background



This preview shows how black text looks on a background with the Hex color 525A55.



This preview shows how white text looks on a background with the Hex color 525A55.

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
525A55

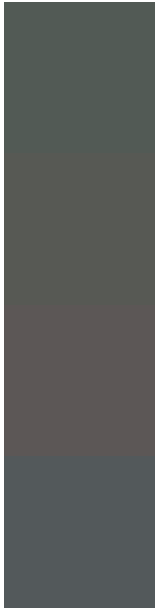
Protanopia
5A5854

Deuteranopia
615556



Tritanopia
54585F

Trichromacy



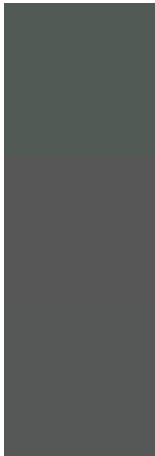
Original Color
525A55

Protanomaly
575954

Deuteranomaly
5C5756

Tritanomaly
53595B

Monochromacy



Original Color
525A55

Achromatopsia
575757

Achromatomaly
555856

CSS Examples

Text

The CSS property to change the color of the text to Hex 525A55 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 #525A55 looks like.

```
.text, #text, p{  
    color:#525A55  
}
```

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 #525A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #525A55
}
```

Border

The CSS property to change the border of an element to Hex 525A55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

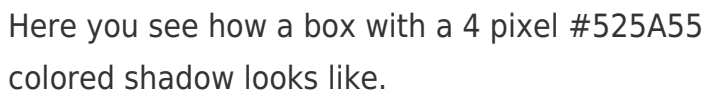
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#525A55 }
```

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

```
.border{ border-color:#525A55 }
```

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



Here you see how a box with a 4 pixel #525A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #525A55; -webkit-box-shadow:4px 4px  
4px 4px #525A55; box-shadow:4px 4px 4px  
4px #525A55 }
```

Background

The CSS property to change the background color of an element to Hex 525A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#525A55 }
```

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

```
.background{ background-color:#525A55 }
```

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