

Converting Colors

Hex(525F68)

Have a look what the booklet for
Hex(525F68) contains.

Hex(525F68)	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(525F68)

Conversions

Conversions Part 1

Format	Color
Hex	525F68
RGB	82, 95, 104
RGB Percent	32%, 37%, 41%
CMY	0.6784, 0.6275, 0.5922
CMYK	0.21, 0.09, 0.00, 0.59
HSL	205°, 12%, 36%
HSV	205°, 21%, 41%
XYZ	10.0706, 10.9777, 14.6848
YIQ	92.1390, -10.6370, 0.0430

Conversions

Conversions Part 2

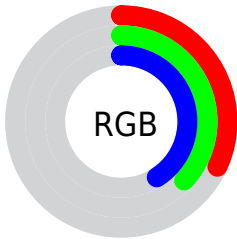
Format	Color
R_{YB}	82, 90, 104
Decimal	5398376
CIE Lab	39.54, -2.81, -6.80
CIE LCh	40, 7.360, 247.534
Yxy	10.9777, 0.2818, 0.3072
Android (android.graphics.Color)	4283588456 (0xFF525F68)
YUV	92.1390, 5.8475, -8.8919
Hunter-Lab	33.1327, -3.7276, -3.0853

Details

The Hex color **525F68** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **685B52**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **84919B**, and **253139** is the 20% darker color. If you saturate the color by 10%, you get **485B68**, and if you desaturate by 10%, it is **5C6368**.

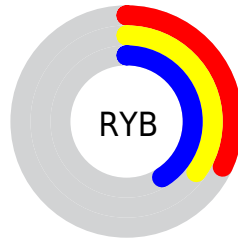
Distribution



Red (32%)

Green (37%)

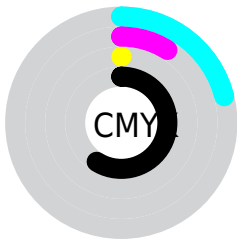
Blue (41%)



Red (32%)

Yellow (35%)

Blue (41%)

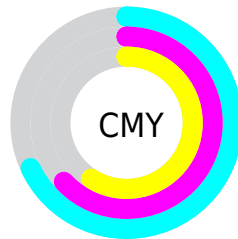


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (59%)



Cyan (68%)

Magenta (63%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 525F68 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 525F68 by changing the saturation by 10% instead.

■ 525F68

■ 525F68

FFFFFF

■ 3B4750

■ 84919B

■ 253139

■ 9EACB6

■ 101C24

■ B9C7D2

■ 00010E

■ D5E3EE

■ 000000

■ F1FFFF

■ 525F68

■ 525F68

■ 485B68

■ 5C6368

■ 3D5668

■ 676868

■ 335268

■ 716C68

■ 284E68

■ 7C7068

■ 1E4A68

■ 867468

■ 144568

■ 907968

■ 094168

■ 9B7D68

■ 003D68

■ A58168

■ B08568

Harmonies

Analogous

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



4E6064



525F68



595D69

Triad

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



525F68



6A595C



5A5F54

Complementary

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



525F68



685B52

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.



615D51



525F68



6A5A56

Square

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



525F68



665A62



665B52



536058

Rectangle

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



525F68



5E5C68



665B52



5C5E52

Sweetspot

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



525F68



7F8487



52685B



404345



C4C4C4



454545

Same Dimension

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



525F68



657987



525468



2E3133



004473



008FF2

Inverse Universe

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



68525F



876579



686652



332E31



730044



F2008F

Previews

White Background



This preview shows how the Hex color 525F68 looks on a white background.

Color Contrast Check

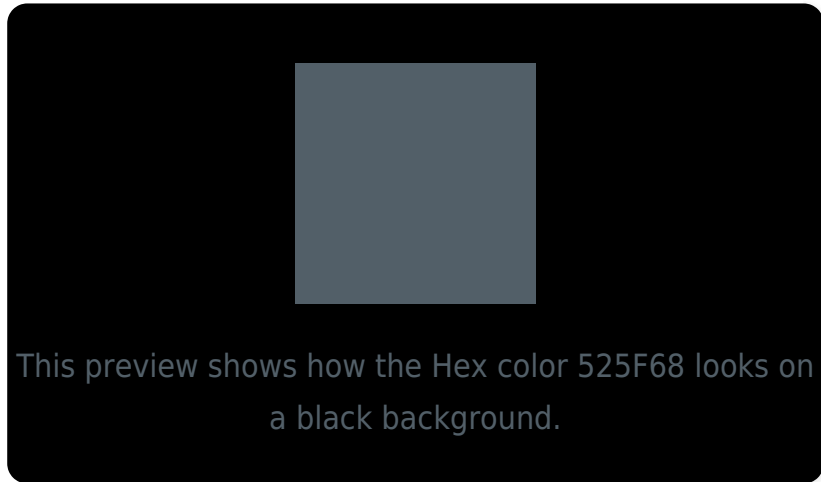
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

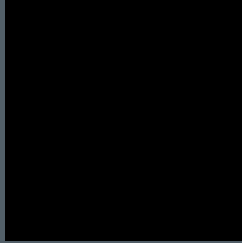
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

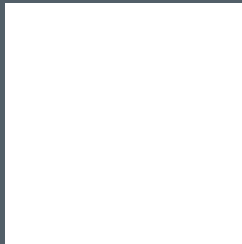
Any Text WCAG AAA × Fail

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

Hex 525F68 Background



This preview shows how black text looks on a background with the Hex color 525F68.



This preview shows how white text looks on a background with the Hex color 525F68.

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
525F68

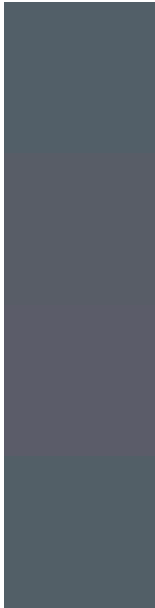
Protanopia
5C5C66

Deuteranopia
605B69



Tritanopia
525F67

Trichromacy



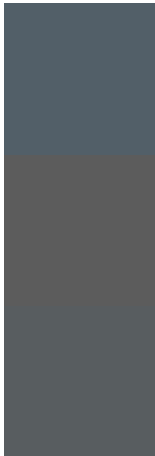
Original Color
525F68

Protanomaly
585D67

Deuteranomaly
5B5C69

Tritanomaly
525F67

Monochromacy



Original Color
525F68

Achromatopsia
5C5C5C

Achromatomaly
585D60

CSS Examples

Text

The CSS property to change the color of the text to Hex 525F68 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 #525F68 looks like.

```
.text, #text, p{  
    color:#525F68  
}
```

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 #525F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #525F68
}
```

Border

The CSS property to change the border of an element to Hex 525F68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

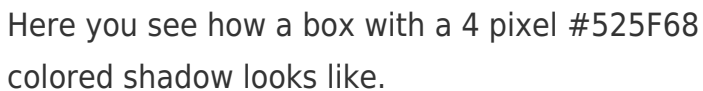
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#525F68 }
```

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

```
.border{ border-color:#525F68 }
```

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



Here you see how a box with a 4 pixel #525F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #525F68; -webkit-box-shadow:4px 4px  
4px 4px #525F68; box-shadow:4px 4px 4px  
4px #525F68 }
```

Background

The CSS property to change the background color of an element to Hex 525F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#525F68 }
```

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

```
.background{ background-color:#525F68 }
```

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