

# Converting Colors

Hex(4D565C)

Have a look what the booklet for  
Hex(4D565C) contains.

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# Color

Hex(4D565C)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D565C
RGB	77, 86, 92
RGB Percent	30%, 34%, 36%
CMY	0.6980, 0.6627, 0.6392
CMYK	0.16, 0.07, 0.00, 0.64
HSL	204°, 9%, 33%
HSV	204°, 16%, 36%
XYZ	8.3201, 9.0061, 11.4250
YIQ	83.9930, -7.2900, -0.0420

# Conversions

## Conversions Part 2

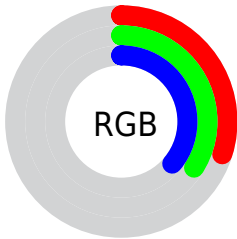
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 83, 92
Decimal	5068380
CIE Lab	36.00, -2.11, -4.68
CIE LCh	36, 5.139, 245.719
Yxy	9.0061, 0.2894, 0.3132
Android (android.graphics.Color)	4283258460 (0xFF4D565C)
YUV	83.9930, 3.9475, -6.1329
Hunter-Lab	30.0101, -3.0296, -1.5650

# Details

The Hex color **4D565C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C534D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7E888E**, and **21292E** is the 20% darker color. If you saturate the color by 10%, you get **44525C**, and if you desaturate by 10%, it is **565A5C**.

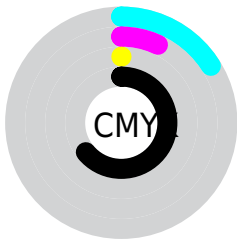
# Distribution



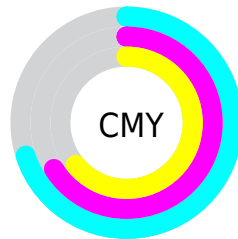
- Red (30%)
- Green (34%)
- Blue (36%)



- Red (30%)
- Yellow (33%)
- Blue (36%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (64%)



- Cyan (70%)
- Magenta (66%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D565C 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 4D565C by changing the saturation by 10% instead.



■ 4D565C

■ 4D565C

FFFFFF

■ 363F45

■ 7E888E

■ 21292E

■ 98A2A9

■ 0B151A

■ B3BDC4

■ 000000

■ CED9E0

■ EBF5FC

■ 4D565C

■ 4D565C

■ 44525C

■ 565A5C

■ 3B4F5C

■ 5F5D5C

■ 314B5C

■ 69615C

■ 28475C

■ 72655C

■ 1F445C

■ 7B685C

■ 16405C

■ 846C5C

■ 0D3C5C

■ 8D705C

■ 03395C

■ 97735C

■ 00375C

■ A0775C

# Harmonies

## Analogous

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



4B5759



4D565C



51555D

# Triad

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



4D565C



5D5254



53564E

# Complementary

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



4D565C



5C534D

# 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.



57554D



4D565C



5D5250

# Square

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



4D565C



5B5258



5B534D



4E5751

# Rectangle

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



4D565C



55545C



5B534D



54554D



# Sweetspot

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



4D565C



727578



4D5C53



3A3C3D



BDBDBD



3D3D3D



# Same Dimension

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



4D565C



606E78



4D4F5C



292C2E



00426E



008EED



# Inverse Universe

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



5C4D56



78606E



5C5B4D



2E292C



6E0042



ED008E



# Previews

## White Background



This preview shows how the Hex color 4D565C looks on a white background.

## Color Contrast Check

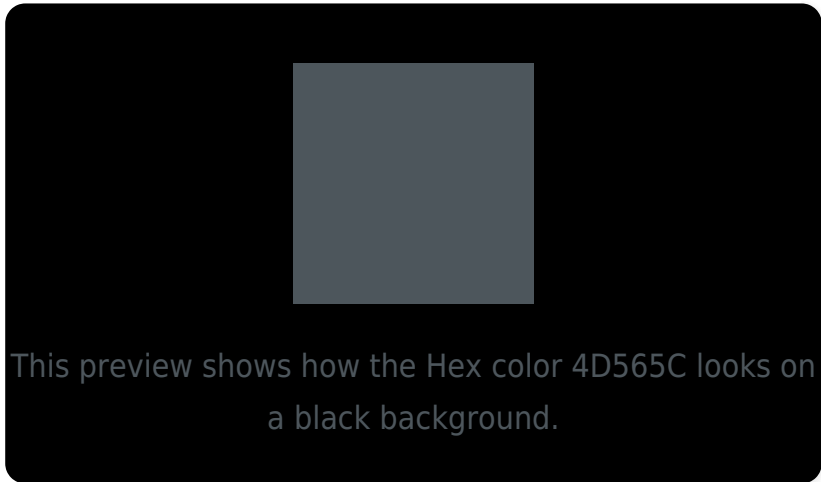
Large Text (above 18pt) WCAG AA ✓ Pass

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

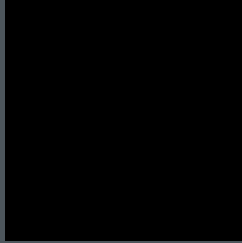
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

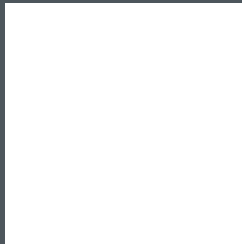
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4D565C Background



This preview shows how black text looks on a background with the Hex color 4D565C.



This preview shows how white text looks on a background with the Hex color 4D565C.

# 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](#).

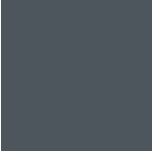
## Dichromacy



**Original Color**  
4D565C

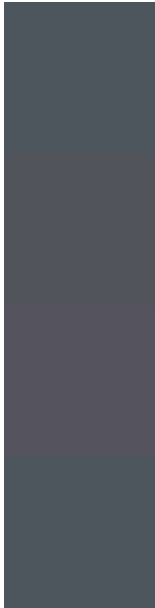
**Protanopia**  
54545B

**Deuteranopia**  
59525D



**Tritanopia**  
4D565D

# Trichromacy



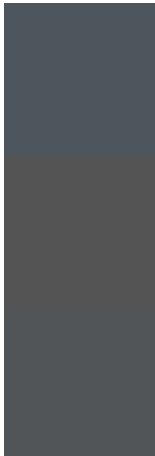
**Original Color**  
4D565C

**Protanomaly**  
51555B

**Deuteranomaly**  
55535D

**Tritanomaly**  
4D565D

# Monochromacy



**Original Color**  
4D565C

**Achromatopsia**  
545454

**Achromatomaly**  
515557

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D565C 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 #4D565C looks like.

```
.text, #text, p{  
    color:#4D565C  
}
```

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 #4D565C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D565C
}
```

## Border

The CSS property to change the border of an element to Hex 4D565C is called "border". The border property can be set on classes, ids or directly on the HTML element.

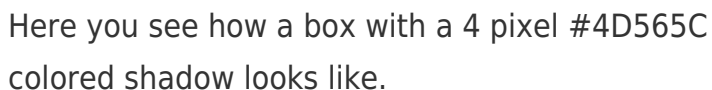
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D565C }
```

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

```
.border{ border-color:#4D565C }
```

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

A rectangular box with a 4-pixel dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color (#4D565C) and is applied to the bottom and right sides of the box.

Here you see how a box with a 4 pixel #4D565C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D565C; -webkit-box-shadow:4px 4px  
4px 4px #4D565C; box-shadow:4px 4px 4px  
4px #4D565C }
```

# Background

The CSS property to change the background color of an element to Hex 4D565C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D565C }
```

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

```
.background{ background-color:#4D565C }
```

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](#).



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