

# Converting Colors

Hex(504F61)

Have a look what the booklet for  
Hex(504F61) contains.

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# Color

**Hex(504F61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	504F61
RGB	80, 79, 97
RGB Percent	31%, 31%, 38%
CMY	0.6863, 0.6902, 0.6196
CMYK	0.18, 0.19, 0.00, 0.62
HSL	243°, 10%, 35%
HSV	243°, 19%, 38%
XYZ	8.2619, 8.1605, 12.4489
YIQ	81.3510, -5.1820, 5.8100

# Conversions

## Conversions Part 2

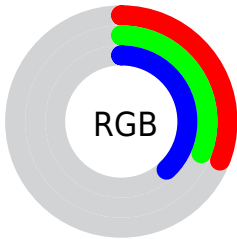
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 79, 97
Decimal	5263201
CIE Lab	34.31, 4.61, -10.32
CIE LCh	34, 11.305, 294.086
Yxy	8.1605, 0.2862, 0.2827
Android (android.graphics.Color)	4283453281 (0xFF504F61)
YUV	81.3510, 7.7150, -1.1848
Hunter-Lab	28.5666, 1.6335, -5.8412

# Details

The Hex color **504F61** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **60614F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **818094**, and **232333** is the 20% darker color. If you saturate the color by 10%, you get **474561**, and if you desaturate by 10%, it is **595961**.

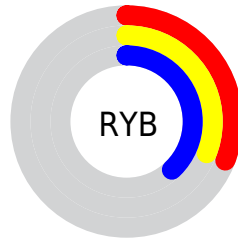
# Distribution



 Red (31%)

 Green (31%)

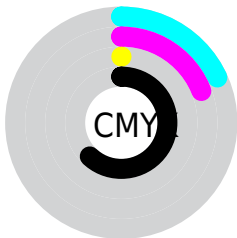
 Blue (38%)




 Red (31%)

 Yellow (31%)

 Blue (38%)

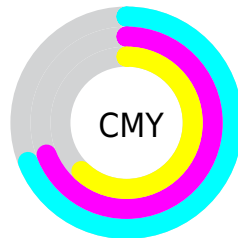


 Cyan (18%)

 Magenta (19%)

 Yellow (0%)

 Black (62%)



 Cyan (69%)

 Magenta (69%)

 Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 504F61 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 504F61 by changing the saturation by 10% instead.



■ 504F61

■ 504F61

FFFFFF

■ 393849

■ 818094

■ 232333

■ 9B9AAE

■ 0F0D1E

■ B6B5CA

■ 000001

■ D2D0E6

■ 000000

■ EEEDFF

■ 504F61

■ 504F61

■ 474561

■ 595961

■ 3E3C61

■ 626261

■ 353261

■ 6B6C61

■ 2B2861

■ 757661

■ 221F61

■ 7E8061

■ 191561

■ 878961

■ 100B61

■ 909361

■ 070161

■ 999D61

■ 050061

■ A2A661

# Harmonies

## Analogous

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



445262



504F61



5B4C5B

# Triad

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



504F61



604D42



3D564F

# Complementary

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



504F61



60614F

# 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.



465546



504F61



594F3F

# Square

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



504F61



634B4A



505240



385658

# Rectangle

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



504F61



604B56



505240



3F564B



# Sweetspot

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



504F61



76757D



4F6061



3C3B40



BFBFBF



404040



# Same Dimension

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



504F61



63617D



594F61



2C2C30



060070



0D00F0



# Inverse Universe

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



614F60



7D617B



57614F



302C30



70006A

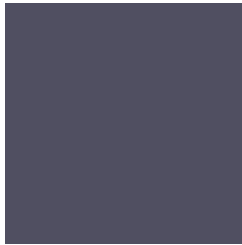


F000E2



# Previews

## White Background



This preview shows how the Hex color 504F61 looks on a white background.

## Color Contrast Check

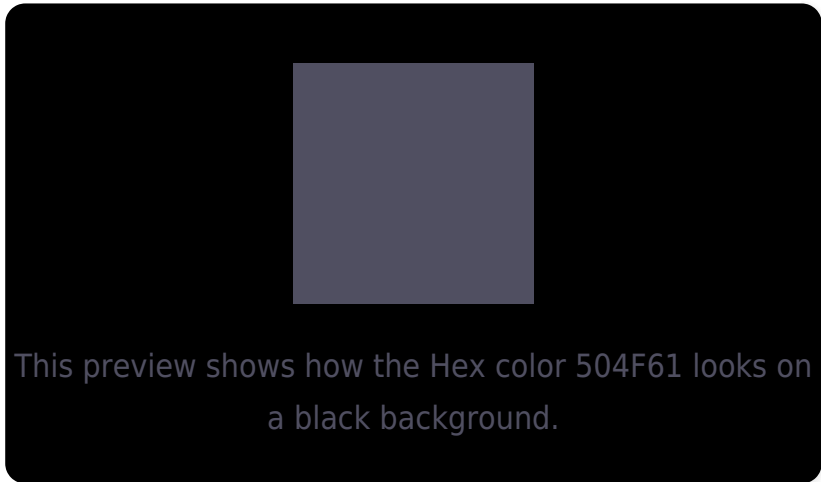
Large Text (above 18pt) WCAG AA ✓ Pass

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 504F61 Background



This preview shows how black text looks on a background with the Hex color 504F61.



This preview shows how white text looks on a background with the Hex color 504F61.

# 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**  
504F61

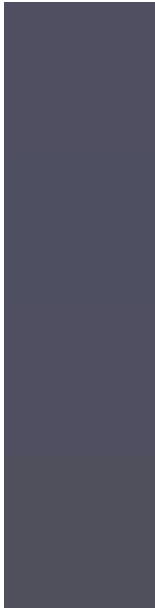
**Protanopia**  
4D5062

**Deuteranopia**  
504F61



**Tritanopia**  
4E5157

# Trichromacy



**Original Color**

504F61

**Protanomaly**

4E5062

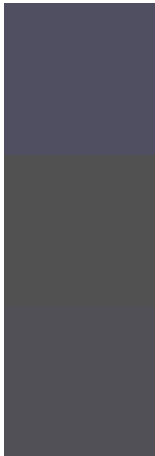
**Deuteranomaly**

504F61

**Tritanomaly**

4F505B

# Monochromacy



**Original Color**

504F61

**Achromatopsia**

515151

**Achromatomaly**

515057

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 504F61 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 #504F61 looks like.

```
.text, #text, p{  
    color:#504F61  
}
```

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 #504F61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504F61
}
```

## Border

The CSS property to change the border of an element to Hex 504F61 is called "border". The border property can be set on classes, ids or directly on the HTML element.

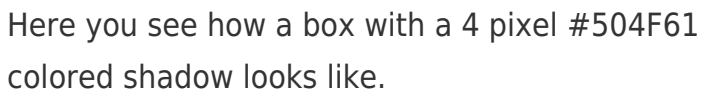
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#504F61 }
```

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

```
.border{ border-color:#504F61 }
```

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



Here you see how a box with a 4 pixel #504F61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504F61; -webkit-box-shadow:4px 4px  
4px 4px #504F61; box-shadow:4px 4px 4px  
4px #504F61 }
```

# Background

The CSS property to change the background color of an element to Hex 504F61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504F61 }
```

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

```
.background{ background-color:#504F61 }
```

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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