

# Converting Colors

Hex(504667)

Have a look what the booklet for  
Hex(504667) contains.

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# Color

**Hex(504667)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	504667
RGB	80, 70, 103
RGB Percent	31%, 27%, 40%
CMY	0.6863, 0.7255, 0.5961
CMYK	0.22, 0.32, 0.00, 0.60
HSL	258°, 19%, 34%
HSV	258°, 32%, 40%
XYZ	7.9466, 7.0651, 13.7768
YIQ	76.7520, -4.6330, 12.3830

# Conversions

## Conversions Part 2

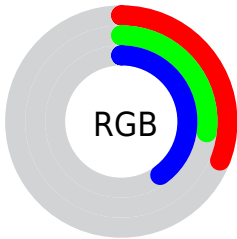
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 70, 103
Decimal	5260903
CIE <sub>Lab</sub>	31.95, 11.93, -17.73
CIE <sub>LCh</sub>	32, 21.368, 303.949
Yxy	7.0651, 0.2760, 0.2454
Android (android.graphics.Color)	4283450983 (0xFF504667)
<b>YUV</b>	76.7520, 12.9403, 2.8485
Hunter-Lab	26.5802, 6.8503, -12.1246

# Details

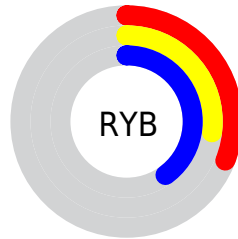
The Hex color **504667** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5D6746**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **82769A**, and **221B38** is the 20% darker color. If you saturate the color by 10%, you get **493C67**, and if you desaturate by 10%, it is **575067**.

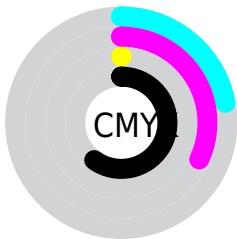
# Distribution



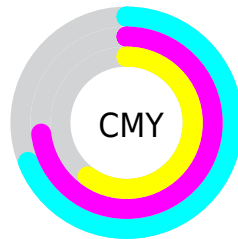
- Red (31%)
- Green (27%)
- Blue (40%)



- Red (31%)
- Yellow (27%)
- Blue (40%)



- Cyan (22%)
- Magenta (32%)
- Yellow (0%)
- Black (60%)



- Cyan (69%)
- Magenta (73%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 504667 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 504667 by changing the saturation by 10% instead.



■ 504667

■ 504667

FFFFFF

■ 39304F

■ 82769A

■ 221B38

■ 9C90B5

■ 0F0023

■ B7AAD1

■ 000009

■ D3C6ED

■ 000000

■ EFE2FF

FFFEFF

■ 504667

■ 504667

■ 493C67

■ 575067

■ 423167

■ 5E5B67

■ 3A2767

■ 666567

■ 331D67

■ 6D6F67

■ 2C1367

■ 747A67

■ 250867

■ 7B8467

■ 1F0067

■ 828E67

■ 899867

■ 91A367

# Harmonies

## Analogous

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



364C6C



504667



62405A

# Triad

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



504667



62452D



16544D

# Complementary

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



504667



5D6746

# 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.



2E533C



504667



544B29

# Square

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



504667



6B4039



42502F



01545D

# Rectangle

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



504667



693E4F



42502F



1E5447



# Sweetspot

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



504667



7E7A87



465D67



3F3D45



C4C4C4



454545



# Same Dimension

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



504667



635487



604667



2F2E33



230073



4900F2



# Inverse Universe

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



67465D



875478



4D6746



332E31



730050



F200A9



# Previews

## White Background



This preview shows how the Hex color 504667 looks on a white background.

## Color Contrast Check

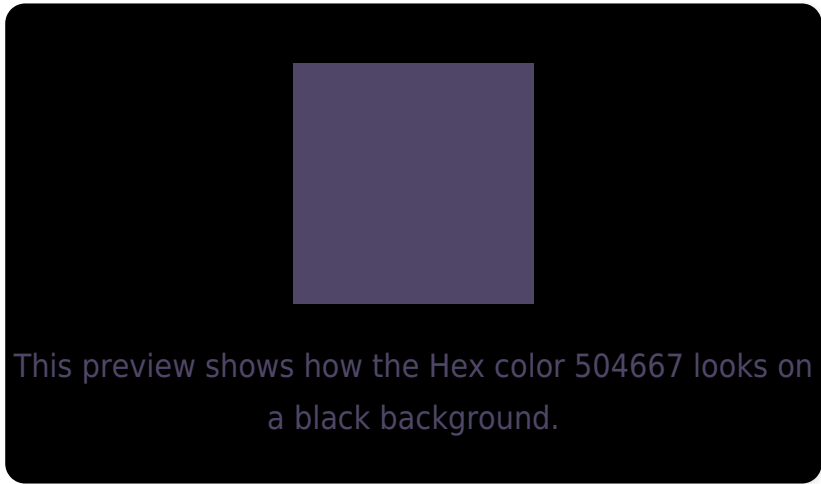
Large Text (above 18pt) WCAG AA ✓ Pass

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

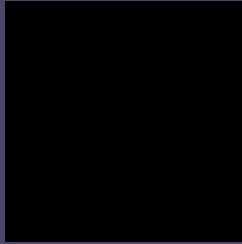
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 504667 Background



This preview shows how black text looks on a background with the Hex color 504667.



This preview shows how white text looks on a background with the Hex color 504667.

# 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**  
504667

**Protanopia**  
414A6A

**Deuteranopia**  
434A66



**Tritanopia**  
4C4A50

# Trichromacy



**Original Color**

504667

**Protanomaly**

464969

**Deuteranomaly**

484966

**Tritanomaly**

4D4958

# Monochromacy



**Original Color**

504667

**Achromatopsia**

4D4D4D

**Achromatomaly**

4E4A56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 504667 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 #504667 looks like.

```
.text, #text, p{  
  color:#504667  
}
```

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 #504667 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504667
}
```

## Border

The CSS property to change the border of an element to Hex 504667 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".

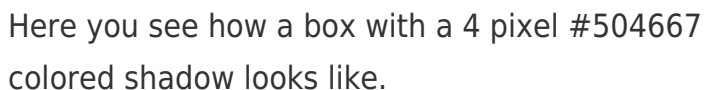
```
.border, #border, table{ border:4px solid
#504667 }
```

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

```
.border{ border-color:#504667 }
```

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

Here you see how a box with a 4 pixel #504667 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504667; -webkit-box-shadow:4px 4px  
4px 4px #504667; box-shadow:4px 4px 4px  
4px #504667 }
```

# Background

The CSS property to change the background color of an element to Hex 504667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504667 }
```

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

```
.background{ background-color:#504667 }
```

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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