

# Converting Colors

Hex(514C66)

Have a look what the booklet for  
Hex(514C66) contains.

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# Color

Hex(514C66)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	514C66
RGB	81, 76, 102
RGB Percent	32%, 30%, 40%
CMY	0.6824, 0.7020, 0.6000
CMYK	0.21, 0.25, 0.00, 0.60
HSL	252°, 15%, 35%
HSV	252°, 25%, 40%
XYZ	8.3761, 7.8775, 13.6494
YIQ	80.4590, -5.3660, 9.1460

# Conversions

## Conversions Part 2

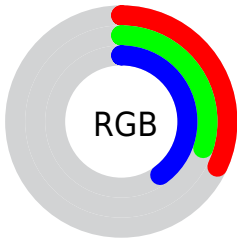
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 76, 102
Decimal	5327974
CIE Lab	33.73, 8.17, -14.36
CIE LCh	34, 16.519, 299.623
Yxy	7.8775, 0.2801, 0.2634
Android (android.graphics.Color)	4283518054 (0xFF514C66)
YUV	80.4590, 10.6197, 0.4745
Hunter-Lab	28.0669, 4.1529, -9.1869

# Details

The Hex color **514C66** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **61664C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **837D99**, and **242037** is the 20% darker color. If you saturate the color by 10%, you get **494266**, and if you desaturate by 10%, it is **595666**.

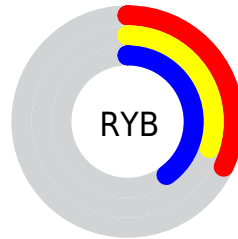
# Distribution



Red (32%)

Green (30%)

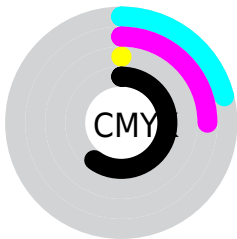
Blue (40%)



Red (32%)

Yellow (30%)

Blue (40%)

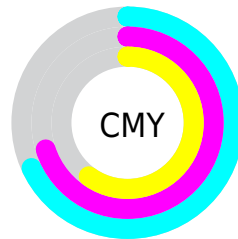


Cyan (21%)

Magenta (25%)

Yellow (0%)

Black (60%)



Cyan (68%)

Magenta (70%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 514C66 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 514C66 by changing the saturation by 10% instead.





514C66



514C66

FFFFFF



3A354E



837D99



242037



9D97B4



100922



B8B1CF



000009



D4CDEC



000000



F0E9FF



514C66



514C66



494266



595666



413866



616066

■ 382D66

■ 6A6B66

■ 302366

■ 727566

■ 281966

■ 7A7F66

■ 200F66

■ 828966

■ 170566

■ 8B9366

■ 140066

■ 939E66

■ 9BA866

# Harmonies

## Analogous

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



3E5169



514C66



60485D

# Triad

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



514C66



644A39



2E574F

# Complementary

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



514C66



61664C

# 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.



3C5542



514C66



594E35

# Square

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



514C66



694743



4B5238



26565C

# Rectangle

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



514C66



664654



4B5238



32564A



# Sweetspot

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



514C66



7C7A85



4C6166



3D3C42



C2C2C2



424242



# Same Dimension

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



514C66



635B85



5E4C66



2F2E33



160073



2F00F2



# Inverse Universe

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



664C61



855B7D



54664C



332E32



73005D



F200C4



# Previews

## White Background



This preview shows how the Hex color 514C66 looks on a white background.

## Color Contrast Check

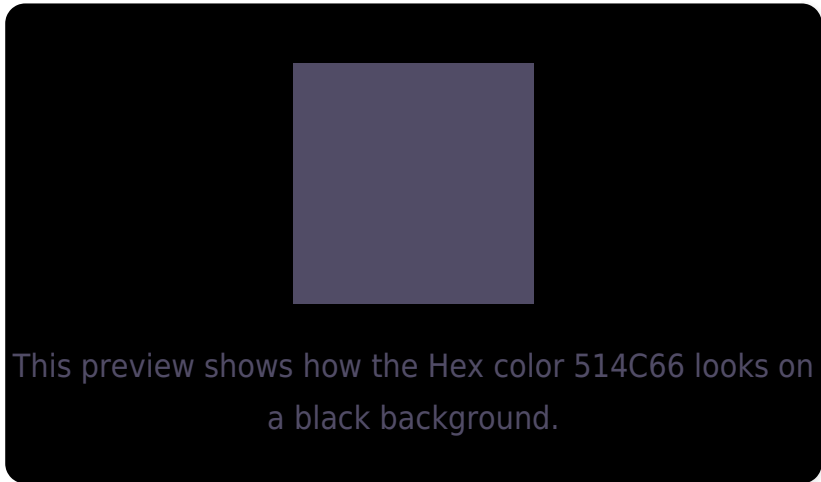
Large Text (above 18pt) WCAG AA ✓ Pass

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

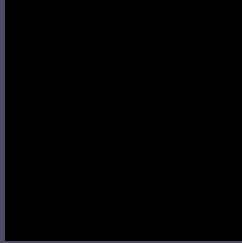
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 514C66 Background



This preview shows how black text looks on a background with the Hex color 514C66.

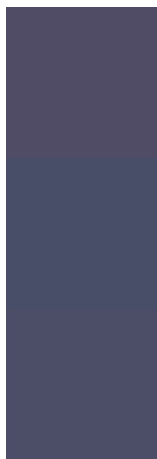


This preview shows how white text looks on a background with the Hex color 514C66.

# 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**

514C66

**Protanopia**

494E68

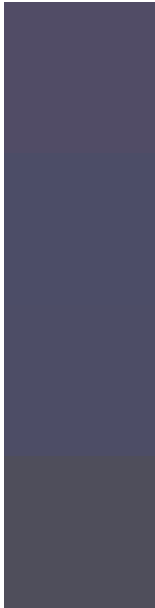
**Deuteranopia**

4B4E66



**Tritanopia**  
4E4F55

# Trichromacy



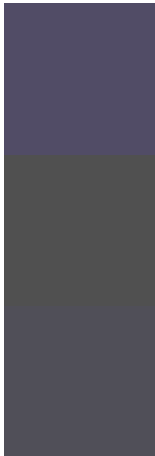
**Original Color**  
514C66

**Protanomaly**  
4C4D67

**Deuteranomaly**  
4D4D66

**Tritanomaly**  
4F4E5B

# Monochromacy



**Original Color**  
514C66

**Achromatopsia**  
505050

**Achromatomaly**  
504F58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 514C66 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 #514C66 looks like.

```
.text, #text, p{  
    color:#514C66  
}
```

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 #514C66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #514C66  
}
```

## Border

The CSS property to change the border of an element to Hex 514C66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

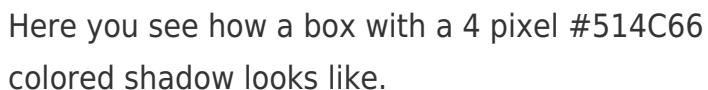
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#514C66 }
```

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

```
.border{ border-color:#514C66 }
```

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



Here you see how a box with a 4 pixel #514C66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #514C66; -webkit-box-shadow:4px 4px  
4px 4px #514C66; box-shadow:4px 4px 4px  
4px #514C66 }
```

# Background

The CSS property to change the background color of an element to Hex 514C66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#514C66 }
```

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

```
.background{ background-color:#514C66 }
```

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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