

# Converting Colors

Hex(534568)

Have a look what the booklet for  
Hex(534568) contains.

<b>Hex(534568)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(534568)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	534568
RGB	83, 69, 104
RGB Percent	33%, 27%, 41%
CMY	0.6745, 0.7294, 0.5922
CMYK	0.20, 0.34, 0.00, 0.59
HSL	264°, 20%, 34%
HSV	264°, 34%, 41%
XYZ	8.1941, 7.0947, 14.0342
YIQ	77.1760, -2.8910, 13.8530

# Conversions

## Conversions Part 2

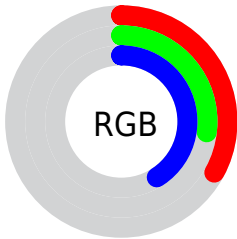
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 69, 104
Decimal	5457256
CIE <sub>Lab</sub>	32.02, 13.89, -18.23
CIE <sub>LCh</sub>	32, 22.921, 307.304
Yxy	7.0947, 0.2794, 0.2420
Android (android.graphics.Color)	4283647336 (0xFF534568)
YUV	77.1760, 13.2242, 5.1076
Hunter-Lab	26.6359, 8.2997, -12.5943

# Details

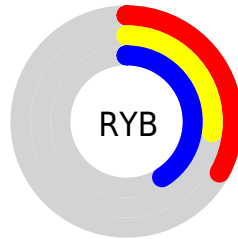
The Hex color **534568** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5A6845**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **85759B**, and **251A39** is the 20% darker color. If you saturate the color by 10%, you get **4D3B68**, and if you desaturate by 10%, it is **594F68**.

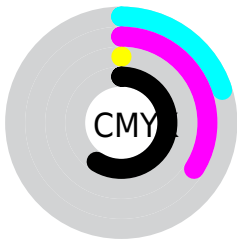
# Distribution



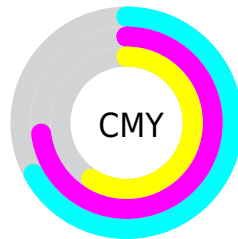
- Red (33%)
- Green (27%)
- Blue (41%)



- Red (33%)
- Yellow (27%)
- Blue (41%)



- Cyan (20%)
- Magenta (34%)
- Yellow (0%)
- Black (59%)



- Cyan (67%)
- Magenta (73%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 534568 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 534568 by changing the saturation by 10% instead.



■ 534568

■ 534568

FFFFFF

■ 3B2F50

■ 85759B

■ 251A39

■ 9F8FB6

■ 130023

■ BBA9D2

■ 00000B

■ D6C5EE

■ 000000

■ F3E1FF

■ FFFDFF

■ 534568

■ 534568

■ 4D3B68

■ 594F68

473068

5F5A68

402668

666468

3A1B68

6C6F68

341168

727968

2E0768

788368

2A0068

7F8E68

859868

8BA368

# Harmonies

## Analogous

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



384C6F



534568



653F5A

# Triad

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



534568



62452A



08554F

# Complementary

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



534568



5A6845

# 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.



28543D



534568



534C27

# Square

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



534568



6C4036



3F512E



005461

# Rectangle

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



534568



6C3D4E



3F512E



155549



# Sweetspot

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



534568



7F7A87



455A68



403D45



C4C4C4



454545



# Same Dimension

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



534568



675187



654568



302E33



2E0073



6100F2



# Inverse Universe

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



68455A



875172



496845



332E31



730045



F20091



# Previews

## White Background



This preview shows how the Hex color 534568 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

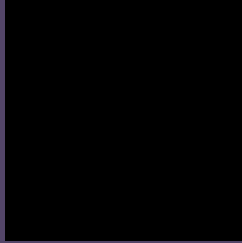
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 534568 Background



This preview shows how black text looks on a background with the Hex color 534568.

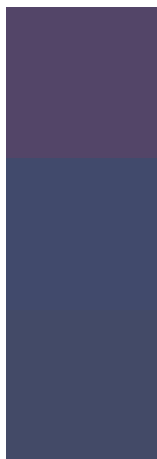


This preview shows how white text looks on a background with the Hex color 534568.

# 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**  
534568

**Protanopia**  
414A6C

**Deuteranopia**  
434A67



**Tritanopia**  
4F4A50

# Trichromacy



**Original Color**  
534568

**Protanomaly**  
48486B

**Deuteranomaly**  
494867

**Tritanomaly**  
504859

# Monochromacy



**Original Color**  
534568

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
4F4A57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 534568 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 #534568 looks like.

```
.text, #text, p{  
    color:#534568  
}
```

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 #534568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #534568
}
```

## Border

The CSS property to change the border of an element to Hex 534568 is called "border". The border property can be set on classes, ids or directly on the HTML element.

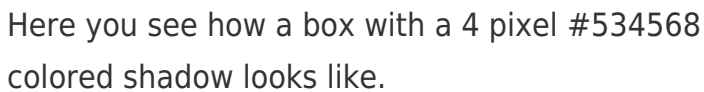
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#534568 }
```

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

```
.border{ border-color:#534568 }
```

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



Here you see how a box with a 4 pixel #534568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #534568; -webkit-box-shadow:4px 4px  
4px 4px #534568; box-shadow:4px 4px 4px  
4px #534568 }
```

# Background

The CSS property to change the background color of an element to Hex 534568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#534568 }
```

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

```
.background{ background-color:#534568 }
```

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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