

# Converting Colors

Hex(534675)

Have a look what the booklet for  
Hex(534675) contains.

<b>Hex(534675)</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(534675)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	534675
RGB	83, 70, 117
RGB Percent	33%, 27%, 46%
CMY	0.6745, 0.7255, 0.5412
CMYK	0.29, 0.40, 0.00, 0.54
HSL	257°, 25%, 37%
HSV	257°, 40%, 46%
XYZ	8.9683, 7.5037, 17.8053
YIQ	79.2450, -7.3390, 17.3730

# Conversions

## Conversions Part 2

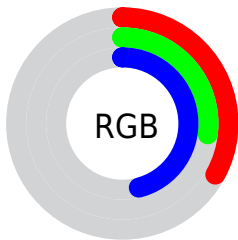
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 70, 117
Decimal	5457525
CIE <sub>Lab</sub>	32.93, 16.74, -25.01
CIE <sub>LCh</sub>	33, 30.095, 303.788
Yxy	7.5037, 0.2616, 0.2189
Android (android.graphics.Color)	4283647605 (0xFF534675)
YUV	79.2450, 18.6132, 3.2931
Hunter-Lab	27.3928, 10.5029, -19.3634

# Details

The Hex color **534675** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **687546**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8676A9**, and **241A44** is the 20% darker color. If you saturate the color by 10%, you get **4B3A75**, and if you desaturate by 10%, it is **5B5275**.

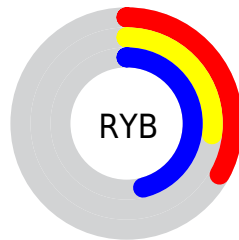
# Distribution



Red (33%)

Green (27%)

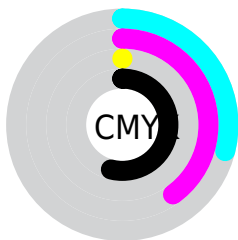
Blue (46%)



Red (33%)

Yellow (27%)

Blue (46%)

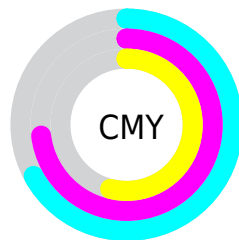


Cyan (29%)

Magenta (40%)

Yellow (0%)

Black (54%)



Cyan (67%)

Magenta (73%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 534675 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 534675 by changing the saturation by 10% instead.



■ 534675

■ 534675

FFFFFF

■ 3B305C

■ 8676A9

■ 241A44

■ A090C5

■ 10012E

■ BCABE1

■ 000119

■ D8C6FD

■ 000000

■ F4E2FF

■ 534675

■ 534675

■ 4B3A75

■ 5B5275

■ 422F75

■ 645D75

■ 3A2375

■ 6C6975

■ 311775

■ 757575

■ 290C75

■ 7D8175

■ 200075

■ 868C75

■ 8E9875

■ 97A475

■ 9FAF75

# Harmonies

## Analogous

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



284F7D



534675



6D3D63

# Triad

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



534675



6C4523



005950

# Complementary

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



534675



687546

# 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.



1F5838



534675



584D1C

# Square

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



534675



783C34



405424



005967

# Rectangle

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



534675



773A53



405424



005948



# Sweetspot

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



534675



8C8799



466875



45424D



CCCCCC



4D4D4D



# Same Dimension

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



534675



645099



6A4675



36353B



22007A



4500FA



# Inverse Universe

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



754668



995085



517546



3B3539



7A0059



FA00B5



# Previews

## White Background



This preview shows how the Hex color 534675 looks on a white background.

## Color Contrast Check

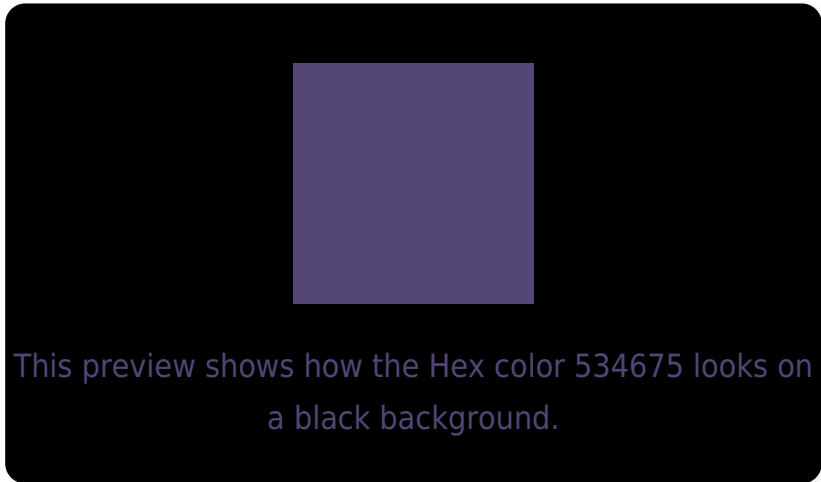
Large Text (above 18pt) WCAG AA ✓ Pass

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

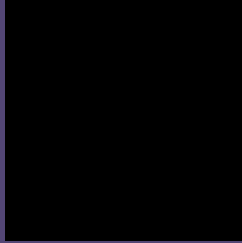
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 534675 Background



This preview shows how black text looks on a background with the Hex color 534675.

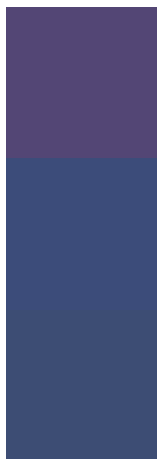


This preview shows how white text looks on a background with the Hex color 534675.

# 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**  
534675

**Protanopia**  
3C4C7A

**Deuteranopia**  
3D4D74



**Tritanopia**  
4C4D53

# Trichromacy



**Original Color**  
534675

**Protanomaly**  
444A78

**Deuteranomaly**  
454A74

**Tritanomaly**  
4F4A5F

# Monochromacy



**Original Color**  
534675

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
504C5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 534675 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 #534675 looks like.

```
.text, #text, p{  
    color:#534675  
}
```

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 #534675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #534675
}
```

## Border

The CSS property to change the border of an element to Hex 534675 is called "border". The border property can be set on classes, ids or directly on the HTML element.

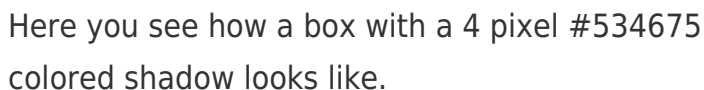
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#534675 }
```

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

```
.border{ border-color:#534675 }
```

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



Here you see how a box with a 4 pixel #534675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #534675; -webkit-box-shadow:4px 4px  
4px 4px #534675; box-shadow:4px 4px 4px  
4px #534675 }
```

# Background

The CSS property to change the background color of an element to Hex 534675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#534675 }
```

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

```
.background{ background-color:#534675 }
```

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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