

# Converting Colors

Hex(534BA6)

Have a look what the booklet for  
Hex(534BA6) contains.

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# Color

Hex(534BA6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	534BA6
RGB	83, 75, 166
RGB Percent	33%, 29%, 65%
CMY	0.6745, 0.7059, 0.3490
CMYK	0.50, 0.55, 0.00, 0.35
HSL	245°, 38%, 47%
HSV	245°, 55%, 65%
XYZ	12.9663, 9.6243, 37.2507
YIQ	87.7660, -24.4430, 29.9970

# Conversions

## Conversions Part 2

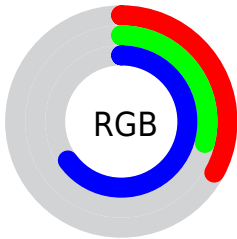
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 75, 166
Decimal	5458854
CIE <sub>Lab</sub>	37.16, 28.26, -48.23
CIE <sub>LCh</sub>	37, 55.894, 300.367
Yxy	9.6243, 0.2167, 0.1608
Android (android.graphics.Color)	4283648934 (0xFF534BA6)
YUV	87.7660, 38.5694, -4.1798
Hunter-Lab	31.0231, 20.3147, -49.4757

# Details

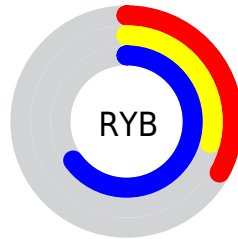
The Hex color **534BA6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9EA64B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8A7CDE**, and **161F71** is the 20% darker color. If you saturate the color by 10%, you get **443AA6**, and if you desaturate by 10%, it is **625CA6**.

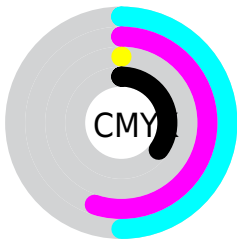
# Distribution



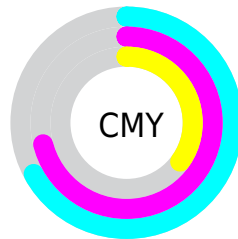
- Red (33%)
- Green (29%)
- Blue (65%)



- Red (33%)
- Yellow (29%)
- Blue (65%)



- Cyan (50%)
- Magenta (55%)
- Yellow (0%)
- Black (35%)



- Cyan (67%)
- Magenta (71%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 534BA6 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 534BA6 by changing the saturation by 10% instead.



■ 534BA6

■ 534BA6

FFFFFF

■ 37348B

■ 8A7CDE

■ 161F71

■ A696FB

■ 000B58

■ C2B1FF

■ 000040

■ DFCCFF

■ 000329

■ FDE8FF

■ 000113

■ 000000

■ 534BA6

■ 534BA6

■ 443AA6

■ 625CA6

■ 352AA6

■ 716CA6

■ 2619A6

■ 807DA6

■ 1609A6

■ 908DA6

■ 0F00A6

■ 9F9EA6

■ AEAF A6

■ BDBFA6

■ CCD0A6

■ DBE0A6

# Harmonies

## Analogous

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



005DB2



534BA6



8D3285

# Triad

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



534BA6



8C4300



006B57

# Complementary

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



534BA6



9EA64B

# 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.



006827



534BA6



6A5600

# Square

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



534BA6



A22C2D



3D6200



006B84

# Rectangle

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



534BA6



9F2368



3D6200



006A47



# Sweetspot

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



534BA6



B9B6D9



4B9EA6



5B596E



EDEDED



6E6E6E



# Same Dimension

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



534BA6



564AD9



804BA6



4C4C54



0D0094



020014



# Inverse Universe

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



A64B9E



D94ACC



71A64B



544C53



940087



140013



# Previews

## White Background



This preview shows how the Hex color 534BA6 looks on a white background.

## Color Contrast Check

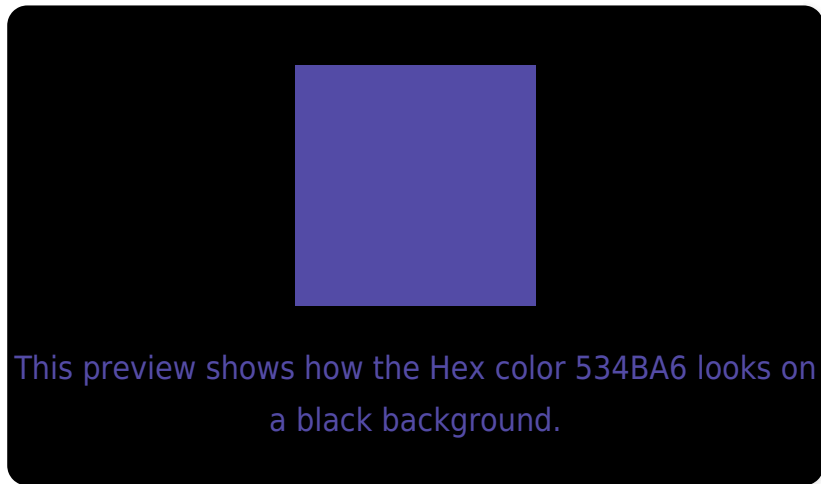
Large Text (above 18pt) WCAG AA ✓ Pass

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

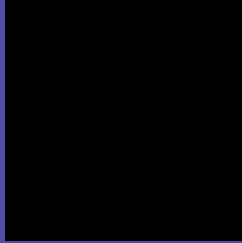
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 534BA6 Background



This preview shows how black text looks on a background with the Hex color 534BA6.



This preview shows how white text looks on a background with the Hex color 534BA6.

# 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





**Tritanopia**  
3F5C64

# Trichromacy



**Original Color**  
534BA6

**Protanomaly**  
2C51AC

**Deuteranomaly**  
1E54A0

**Tritanomaly**  
46567C

# Monochromacy



**Original Color**  
534BA6

**Achromatopsia**  
585858

**Achromatomaly**  
565374

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 534BA6 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 #534BA6 looks like.

```
.text, #text, p{  
    color:#534BA6  
}
```

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 #534BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #534BA6
}
```

## Border

The CSS property to change the border of an element to Hex 534BA6 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".

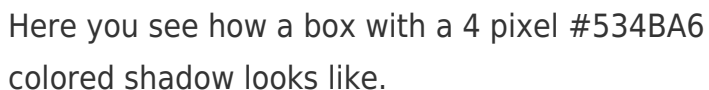
```
.border, #border, table{ border:4px solid
#534BA6 }
```

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

```
.border{ border-color:#534BA6 }
```

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

Here you see how a box with a 4 pixel #534BA6 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #534BA6; -webkit-box-shadow:4px 4px  
4px 4px #534BA6; box-shadow:4px 4px 4px  
4px #534BA6 }
```

# Background

The CSS property to change the background color of an element to Hex 534BA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#534BA6 }
```

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

```
.background{ background-color:#534BA6 }
```

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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