

# Converting Colors

Hex(546ADD)

Have a look what the booklet for  
Hex(546ADD) contains.

<b>Hex(546ADD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

**Hex(546ADD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	546ADD
RGB	84, 106, 221
RGB Percent	33%, 42%, 87%
CMY	0.6706, 0.5843, 0.1333
CMYK	0.62, 0.52, 0.00, 0.13
HSL	230°, 67%, 60%
HSV	230°, 62%, 87%
XYZ	21.8613, 17.4133, 70.6155
YIQ	112.5320, -50.0270, 31.1010

# Conversions

## Conversions Part 2

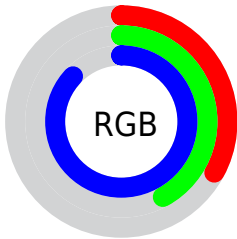
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 103, 221
Decimal	5532381
CIE <sub>Lab</sub>	48.78, 27.14, -61.43
CIE <sub>LCh</sub>	49, 67.162, 293.834
Yxy	17.4133, 0.1989, 0.1585
Android (android.graphics.Color)	4283722461 (0xFF546ADD)
YUV	112.5320, 53.4747, -25.0226
Hunter-Lab	41.7293, 20.4871, -71.1217

# Details

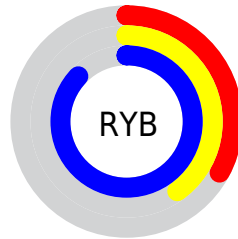
The Hex color **546ADD** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **DDC754**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **919DFF**, and **003BA5** is the 20% darker color. If you saturate the color by 10%, you get **3E57DD**, and if you desaturate by 10%, it is **6A7DDD**.

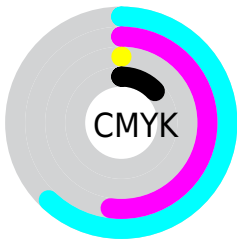
# Distribution



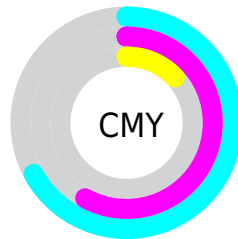
- Red (33%)
- Green (42%)
- Blue (87%)



- Red (33%)
- Yellow (40%)
- Blue (87%)



- Cyan (62%)
- Magenta (52%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (58%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 546ADD 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 546ADD by changing the saturation by 10% instead.



■ 546ADD

■ 546ADD

FFFFFF

■ 3152C1

■ 919DFF

■ 003BA5

■ AFB8FF

■ 00268A

■ CDD3FF

■ 001470

■ EBF0FF

■ 000057

■ 00063E

■ 000327

■ 000111

■ 000000

■ 546ADD

■ 546ADD

■ 3E57DD

■ 6A7DDD

■ 2845DD

■ 808FDD

■ 1232DD

■ 96A2DD

■ 0023DD

■ ACB4DD

■ C3C7DD

■ D9D9DD

■ EFECDD

■ FFFEDD

■ FFFFDD

# Harmonies

## Analogous

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



007FE6



546ADD



AC4CB8

# Triad

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



546ADD



BF5411



008C66

# Complementary

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



546ADD



DDC754

# 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.



00882A



546ADD



966D00

# Square

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



546ADD



D5374A



617E00



008DA0

# Rectangle

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



546ADD



C93895



617E00



008B52



# Sweetspot

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



546ADD



CFD6FF



54DDC6



626780



000000



808080



# Same Dimension

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



546ADD



4261FF



8254DD



63646E



001CAD



00072E



# Inverse Universe

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



DD546A



FF4261



AFDD54



6E6364



AD001C

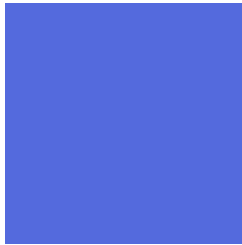


2E0007



# Previews

## White Background



This preview shows how the Hex color 546ADD looks on a white background.

## Color Contrast Check

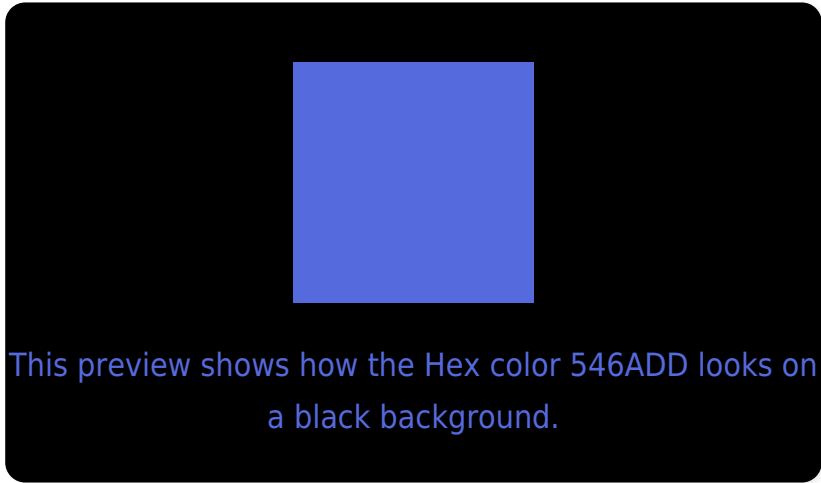
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

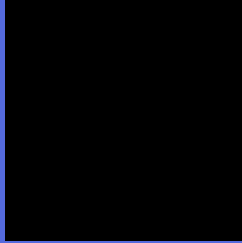
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 546ADD Background



This preview shows how black text looks on a background with the Hex color 546ADD.

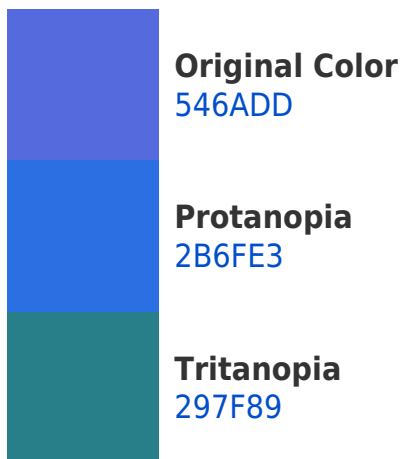


This preview shows how white text looks on a background with the Hex color 546ADD.

# 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



# Trichromacy



**Original Color**  
546ADD

**Protanomaly**  
3A6DE1

**Tritanomaly**  
3977A8

# Monochromacy



**Original Color**  
546ADD

**Achromatopsia**  
717171

**Achromatomaly**  
666E98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 546ADD 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 #546ADD looks like.

```
.text, #text, p{  
    color:#546ADD  
}
```

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 #546ADD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #546ADD
}
```

## Border

The CSS property to change the border of an element to Hex 546ADD 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
#546ADD }
```

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

```
.border{ border-color:#546ADD }
```

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

Here you see how a box with a 4 pixel #546ADD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #546ADD; -webkit-box-shadow:4px 4px  
4px 4px #546ADD; box-shadow:4px 4px 4px  
4px #546ADD }
```

# Background

The CSS property to change the background color of an element to Hex 546ADD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#546ADD }
```

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

```
.background{ background-color:#546ADD }
```

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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