

# Converting Colors

Hex(365DA9)

Have a look what the booklet for  
Hex(365DA9) contains.

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# Color

**Hex(365DA9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	365DA9
RGB	54, 93, 169
RGB Percent	21%, 36%, 66%
CMY	0.7882, 0.6353, 0.3373
CMYK	0.68, 0.45, 0.00, 0.34
HSL	220°, 52%, 44%
HSV	220°, 68%, 66%
XYZ	12.5971, 11.4775, 39.0876
YIQ	90.0030, -47.6400, 15.3680

# Conversions

## Conversions Part 2

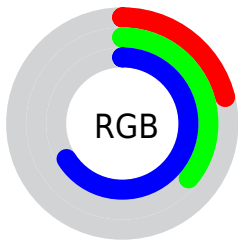
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 83, 169
Decimal	3562921
CIE <sub>Lab</sub>	40.37, 11.94, -44.95
CIE <sub>LCh</sub>	40, 46.505, 284.874
Yxy	11.4775, 0.1994, 0.1817
Android (android.graphics.Color)	4281753001 (0xFF365DA9)
YUV	90.0030, 38.9455, -31.5746
Hunter-Lab	33.8785, 7.0845, -44.6913




# Details

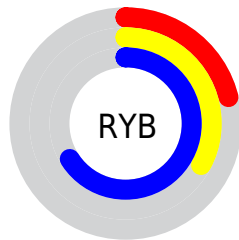
The Hex color **365DA9** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A98236**, and the grayscale version is **5A5A5A**.




A 20% lighter version of the original color is **718FE1**, and **003074** is the 20% darker color. If you saturate the color by 10%, you get **2552A9**, and if you desaturate by 10%, it is **4768A9**.

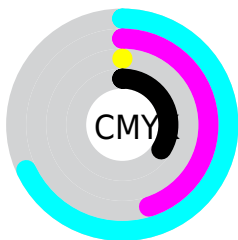
# Distribution







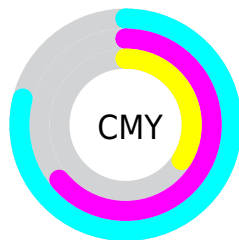
-  Red (21%)
-  Green (36%)
-  Blue (66%)






-  Red (21%)
-  Yellow (33%)
-  Blue (66%)



-  Cyan (68%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (34%)



-  Cyan (79%)
-  Magenta (64%)
-  Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 365DA9 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 365DA9 by changing the saturation by 10% instead.



■ 365DA9

■ 365DA9

FFFFFF

■ 0C468E

■ 718FE1

■ 003074

■ 8EA9FE

■ 001C5B

■ AAC4FF

■ 000043

■ C7E0FF

■ 00032C

■ E5FDFF

■ 000116

■ 000000

■ 365DA9

■ 365DA9

■ 2552A9

■ 4768A9

■ 1447A9

■ 5873A9

■ 033BA9

■ 697FA9

■ 0039A9

■ 7A8AA9

■ 8B95A9

■ 9BA0A9

■ ACABA9

■ BDB6A9

■ CEC2A9

# Harmonies

## Analogous

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



0069A9



365DA9



794C95

# Triad

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



365DA9



9A462B



00704A

# Complementary

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



365DA9



A98236

# 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.



346B25



365DA9



82560D

# Square

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



365DA9



A43A4E



606308



007172

# Rectangle

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



365DA9



924180



606308



006F3D



# Sweetspot

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



365DA9



AFBEDB



36A981



535C6E



EDEDED



6E6E6E



# Same Dimension

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



365DA9



2764DB



4736A9



4C4F54



003294



000714



# Inverse Universe

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



A9365D



DB2764



98A936



544C4F



940032



140007



# Previews

## White Background



This preview shows how the Hex color 365DA9 looks on a white background.

## Color Contrast Check

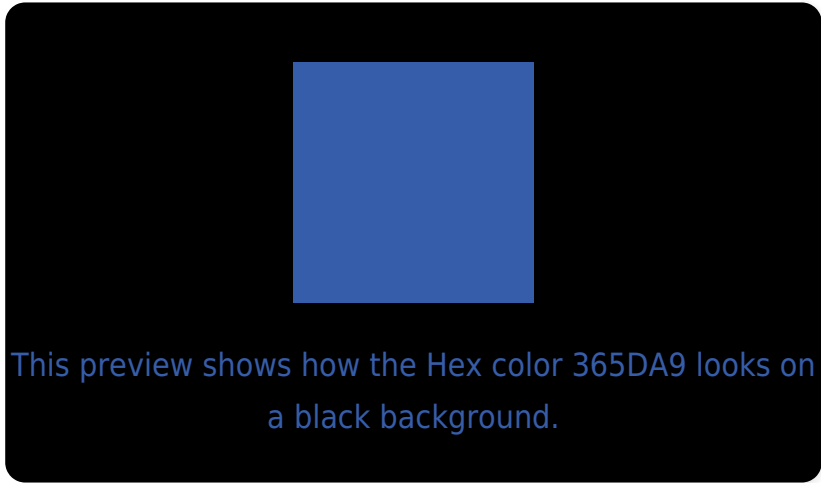
Large Text (above 18pt) WCAG AA ✓ Pass

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 365DA9 Background



This preview shows how black text looks on a background with the Hex color 365DA9.

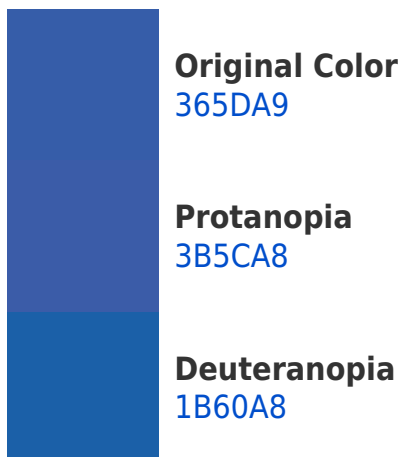


This preview shows how white text looks on a background with the Hex color 365DA9.

# Color Blindness Simulation

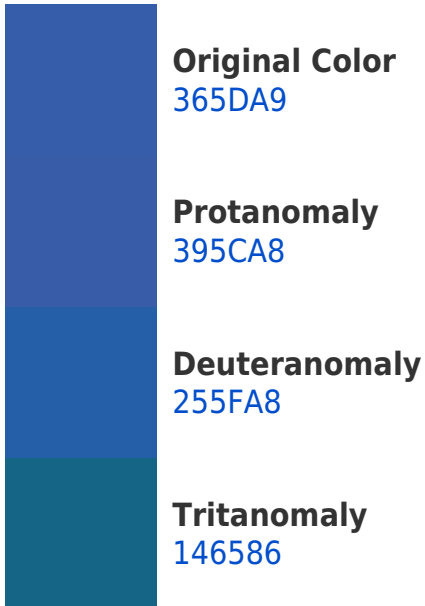
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

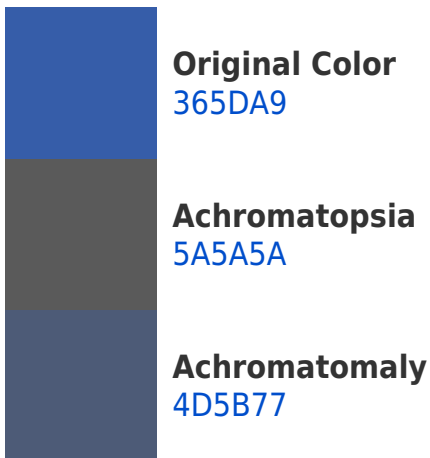




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 365DA9 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 #365DA9 looks like.

```
.text, #text, p{  
    color:#365DA9  
}
```

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 #365DA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #365DA9
}
```

## Border

The CSS property to change the border of an element to Hex 365DA9 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
#365DA9 }
```

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

```
.border{ border-color:#365DA9 }
```

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

Here you see how a box with a 4 pixel #365DA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #365DA9; -webkit-box-shadow:4px 4px  
4px 4px #365DA9; box-shadow:4px 4px 4px  
4px #365DA9 }
```

# Background

The CSS property to change the background color of an element to Hex 365DA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#365DA9 }
```

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

```
.background{ background-color:#365DA9 }
```

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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