

# Converting Colors

Hex(3254B1)

Have a look what the booklet for  
Hex(3254B1) contains.

<b>Hex(3254B1)</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> .....	29

# Color

**Hex(3254B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3254B1
RGB	50, 84, 177
RGB Percent	20%, 33%, 69%
CMY	0.8039, 0.6706, 0.3059
CMYK	0.72, 0.53, 0.00, 0.31
HSL	224°, 56%, 45%
HSV	224°, 72%, 69%
XYZ	12.4215, 10.1931, 42.9077
YIQ	84.4360, -50.1170, 21.7150

# Conversions

## Conversions Part 2

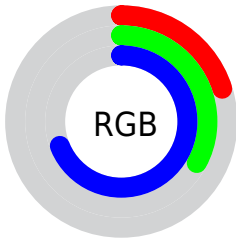
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	50, 77, 177
Decimal	3298481
CIE Lab	38.19, 20.17, -53.20
CIE LCh	38, 56.900, 290.764
Yxy	10.1931, 0.1896, 0.1556
Android (android.graphics.Color)	4281488561 (0xFF3254B1)
YUV	84.4360, 45.6341, -30.2004
Hunter-Lab	31.9266, 13.5766, -57.3341

# Details

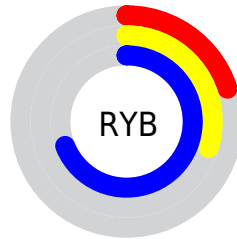
The Hex color **3254B1** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B18F32**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7085E9**, and **00287B** is the 20% darker color. If you saturate the color by 10%, you get **2047B1**, and if you desaturate by 10%, it is **4461B1**.

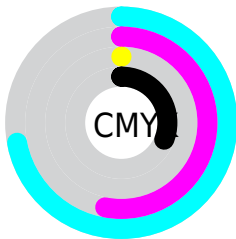
# Distribution



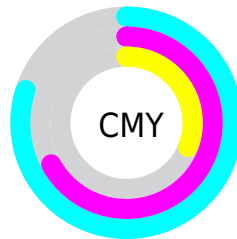
- Red (20%)
- Green (33%)
- Blue (69%)



- Red (20%)
- Yellow (30%)
- Blue (69%)



- Cyan (72%)
- Magenta (53%)
- Yellow (0%)
- Black (31%)



- Cyan (80%)
- Magenta (67%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3254B1 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 3254B1 by changing the saturation by 10% instead.



■ 3254B1

■ 3254B1

FFFFFF

■ 003D96

■ 7085E9

■ 00287B

■ 8D9FFF

■ 001562

■ AABAFF

■ 00004A

■ C8D6FF

■ 000432

■ E5F2FF

■ 00011C

■ 000000

■ 3254B1

■ 3254B1

■ 2047B1

■ 4461B1

■ 0F3AB1

■ 556EB1

■ 002FB1

■ 677BB1

■ 7988B1

■ 8B95B1

■ 9CA2B1

■ AEAFB1

■ C0BCB1

■ D1C9B1

# Harmonies

## Analogous

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



0064B6



3254B1



823C95

# Triad

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



3254B1



993E0F



006D4A

# Complementary

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



3254B1



B18F32

# 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.



006918



3254B1



795300

# Square

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



3254B1



A9263C



4F6100



006E79

# Rectangle

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



3254B1



9C2B79



4F6100



006C39



# Sweetspot

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



3254B1



B3C1E6



32B18D



555D73



F2F2F2



737373



# Same Dimension

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



3254B1



2055E6



4E32B1



505359



002999



00071A



# Inverse Universe

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



B13254



E62055



95B132



595053



990029



1A0007



# Previews

## White Background



This preview shows how the Hex color 3254B1 looks on a white background.

## Color Contrast Check

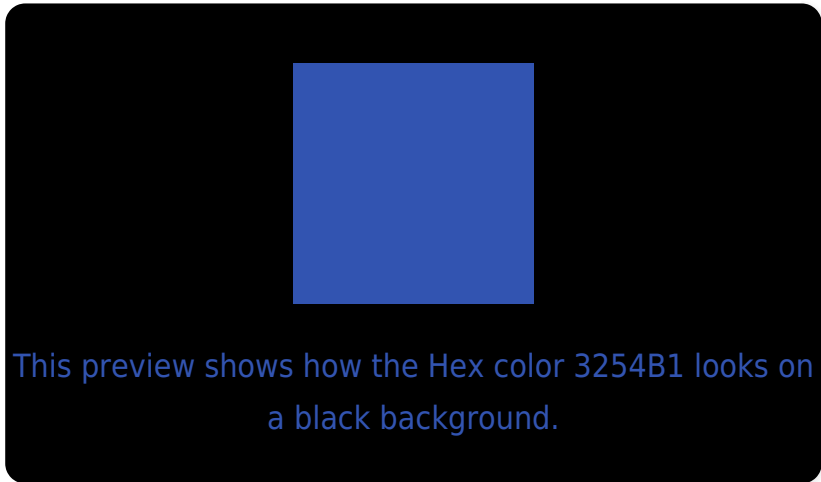
Large Text (above 18pt) WCAG AA ✓ Pass

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

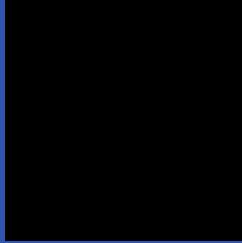
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3254B1 Background



This preview shows how black text looks on a background with the Hex color 3254B1.



This preview shows how white text looks on a background with the Hex color 3254B1.

# 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](#).

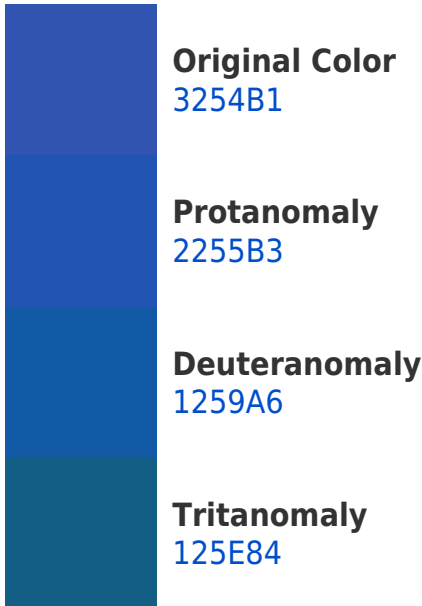
## Dichromacy



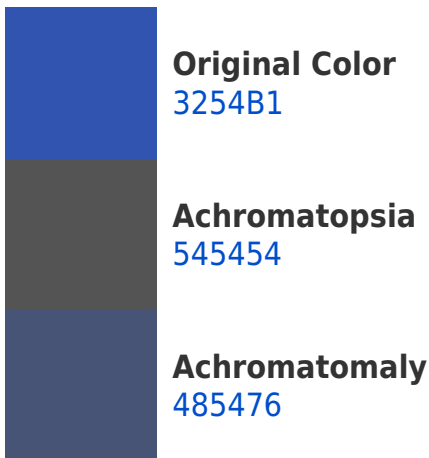


**Tritanopia**  
00636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3254B1 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 #3254B1 looks like.

```
.text, #text, p{  
    color:#3254B1  
}
```

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 #3254B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3254B1
}
```

## Border

The CSS property to change the border of an element to Hex 3254B1 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
#3254B1 }
```

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

```
.border{ border-color:#3254B1 }
```

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

Here you see how a box with a 4 pixel #3254B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3254B1; -webkit-box-shadow:4px 4px  
4px 4px #3254B1; box-shadow:4px 4px 4px  
4px #3254B1 }
```

# Background

The CSS property to change the background color of an element to Hex 3254B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3254B1 }
```

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

```
.background{ background-color:#3254B1 }
```

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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