

# Converting Colors

Hex(3127C1)

Have a look what the booklet for  
Hex(3127C1) contains.

<b>Hex(3127C1)</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(3127C1)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3127C1
RGB	49, 39, 193
RGB Percent	19%, 15%, 76%
CMY	0.8078, 0.8471, 0.2431
CMYK	0.75, 0.80, 0.00, 0.24
HSL	244°, 66%, 45%
HSV	244°, 80%, 76%
XYZ	11.6178, 5.9543, 50.9890
YIQ	59.5460, -43.4740, 50.0140

# Conversions

## Conversions Part 2

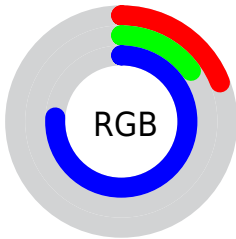
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 39, 193
Decimal	3221441
CIE <sub>Lab</sub>	29.30, 52.90, -77.21
CIE <sub>LCh</sub>	29, 93.594, 304.414
Yxy	5.9543, 0.1695, 0.0868
Android (android.graphics.Color)	4281411521 (0xFF3127C1)
YUV	59.5460, 65.7928, -9.2488
Hunter-Lab	24.4014, 42.2836, -106.8114

# Details

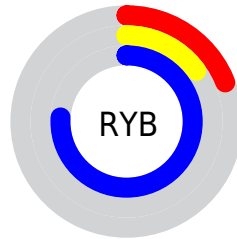
The Hex color **3127C1** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **B7C127**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7758FB**, and **00008A** is the 20% darker color. If you saturate the color by 10%, you get **1F14C1**, and if you desaturate by 10%, it is **433AC1**.

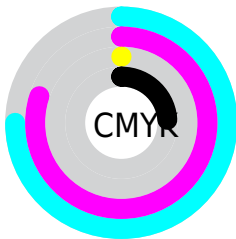
# Distribution



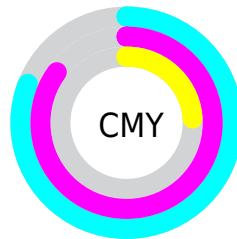
- Red (19%)
- Green (15%)
- Blue (76%)



- Red (19%)
- Yellow (15%)
- Blue (76%)



- Cyan (75%)
- Magenta (80%)
- Yellow (0%)
- Black (24%)




- Cyan (81%)
- Magenta (85%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 3127C1 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 3127C1 by changing the saturation by 10% instead.



 3127C1

 3127C1

FFFFFF

 000EA5

 7758FB

 00008A

 9572FF

 000070

 B48CFF

 000756

 D2A7FF

 00063E

 F1C2FF


 000327


 FFDFFF

 000110

 FFFCFF

 000000

 3127C1

 3127C1

■ 1F14C1

■ 433AC1

■ 0D00C1

■ 554EC1

■ 6761C1

■ 7974C1

■ 8B88C1

■ 9D9BC1

■ AFAEC1

■ C1C1C1

■ D3D5C1

# Harmonies

## Analogous

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



004FDC



3127C1



9C0086

# Triad

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



3127C1



842100



005C4F

# Complementary

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



3127C1



B7C127

# 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.



005A00



3127C1



4C4700

# Square

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



3127C1



AB0000



005500



005E98

# Rectangle

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



3127C1



B40056



005500



005B35



# Sweetspot

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



3127C1



C2BEFA



27B9C1



5B597D



FCFCFC



7D7D7D



# Same Dimension

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



3127C1



1A0AFA



7C27C1



585761



0A00A1



020021



# Inverse Universe

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



C127B7



FA0AEA



6CC127



615760



A10096

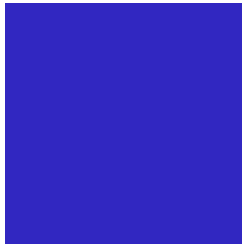


21001F



# Previews

## White Background



This preview shows how the Hex color 3127C1 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

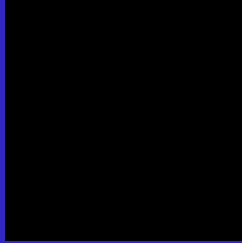
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3127C1 Background



This preview shows how black text looks on a background with the Hex color 3127C1.



This preview shows how white text looks on a background with the Hex color 3127C1.

# 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**  
3127C1

**Protanomaly**  
12399F

**Deuteranomaly**  
123B92

**Tritanomaly**  
123F7A

# Monochromacy



**Original Color**  
3127C1

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
38346C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3127C1 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 #3127C1 looks like.

```
.text, #text, p{  
    color:#3127C1  
}
```

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 #3127C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3127C1
}
```

## Border

The CSS property to change the border of an element to Hex 3127C1 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
#3127C1 }
```

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

```
.border{ border-color:#3127C1 }
```

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

Here you see how a box with a 4 pixel #3127C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3127C1; -webkit-box-shadow:4px 4px  
4px 4px #3127C1; box-shadow:4px 4px 4px  
4px #3127C1 }
```

# Background

The CSS property to change the background color of an element to Hex 3127C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3127C1 }
```

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

```
.background{ background-color:#3127C1 }
```

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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