

# Converting Colors

Hex(0950C3)

Have a look what the booklet for  
Hex(0950C3) contains.

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# Color

Hex(0950C3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0950C3
RGB	9, 80, 195
RGB Percent	4%, 31%, 76%
CMY	0.9647, 0.6863, 0.2353
CMYK	0.95, 0.59, 0.00, 0.24
HSL	217°, 91%, 40%
HSV	217°, 95%, 76%
XYZ	12.8316, 9.7355, 52.8326
YIQ	71.8810, -79.2310, 20.7130

# Conversions

## Conversions Part 2

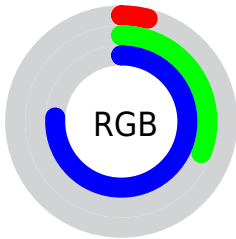
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 60, 195
Decimal	610499
CIE <sub>Lab</sub>	37.36, 26.48, -65.15
CIE <sub>LCh</sub>	37, 70.331, 292.120
Yxy	9.7355, 0.1702, 0.1291
Android (android.graphics.Color)	4278800579 (0xFF0950C3)
YUV	71.8810, 60.6977, -55.1466
Hunter-Lab	31.2018, 18.8044, -78.5518

# Details

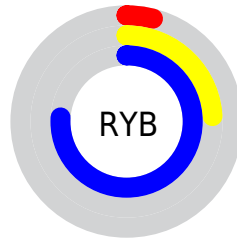
The Hex color **0950C3** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C37C09**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6381FD**, and **00258C** is the 20% darker color. If you saturate the color by 10%, you get **004AC3**, and if you desaturate by 10%, it is **1C5CC3**.

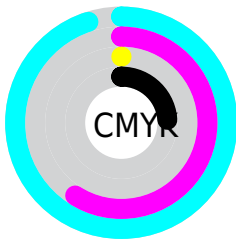
# Distribution



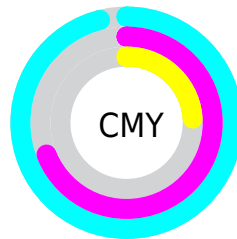
- Red (4%)
- Green (31%)
- Blue (76%)



- Red (4%)
- Yellow (24%)
- Blue (76%)



- Cyan (95%)
- Magenta (59%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (69%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0950C3 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 0950C3 by changing the saturation by 10% instead.



 0950C3

 0950C3

FFFFFF

 003AA7

 6381FD

 00258C

 839AFF

 001472

 A1B5FF

 000159

 C0D0FF

 000740

 DEEDFF

 000329

FDFFFF

 000113

 000000

 0950C3

 0950C3

■ 004AC3

■ 1C5CC3

■ 3068C3

■ 4374C3

■ 5780C3

■ 6B8CC3

■ 7E98C3

■ 92A4C3

■ A5B0C3

■ B8BDC3

# Harmonies

## Analogous

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



0064CA



0950C3



8B2C9F

# Triad

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



0950C3



A03300



006E47

# Complementary

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



0950C3



C37C09

# 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.



006A00



0950C3



795000

# Square

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



0950C3



B60032



446100



006F81

# Rectangle

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



0950C3



A9007C



446100



006D32



# Sweetspot

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



0950C3



B3CFFC



09C37C



536480



000000



808080



# Same Dimension

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



0950C3



0060FC



1F09C3



575B61



003DA1



000D21



# Inverse Universe

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



C30950



FC0060



ADC309



61575B



A1003D



21000D



# Previews

## White Background



This preview shows how the Hex color 0950C3 looks on a white background.

## Color Contrast Check

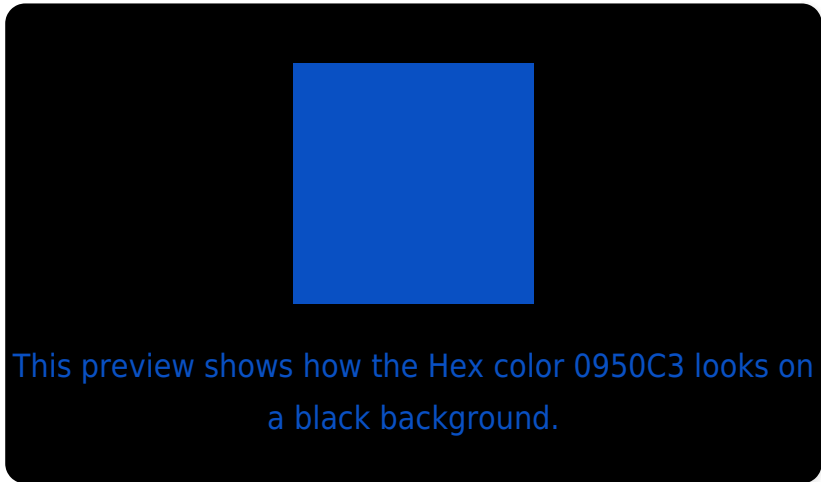
Large Text (above 18pt) WCAG AA ✓ Pass

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

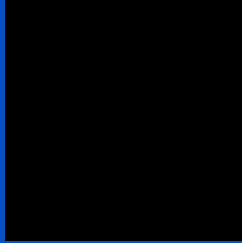
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0950C3 Background



This preview shows how black text looks on a background with the Hex color 0950C3.



This preview shows how white text looks on a background with the Hex color 0950C3.

# 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



**Original Color**  
0950C3

**Protanopia**  
0054B3

**Deuteranopia**  
005A9A



**Tritanopia**  
006167

# Trichromacy



**Original Color**  
0950C3

**Protanomaly**  
0353B9

**Deuteranomaly**  
0356A9

**Tritanomaly**  
035B88

# Monochromacy



**Original Color**  
0950C3

**Achromatopsia**  
484848

**Achromatomaly**  
314B75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0950C3 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 #0950C3 looks like.

```
.text, #text, p{  
    color:#0950C3  
}
```

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 #0950C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0950C3
}
```

## Border

The CSS property to change the border of an element to Hex 0950C3 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
#0950C3 }
```

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

```
.border{ border-color:#0950C3 }
```

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

Here you see how a box with a 4 pixel #0950C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0950C3; -webkit-box-shadow:4px 4px  
4px 4px #0950C3; box-shadow:4px 4px 4px  
4px #0950C3 }
```

# Background

The CSS property to change the background color of an element to Hex 0950C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0950C3 }
```

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

```
.background{ background-color:#0950C3 }
```

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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