

Converting Colors

Hex(0251C1)

Have a look what the booklet for
Hex(0251C1) contains.

Hex(0251C1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0251C1)

Conversions

Conversions Part 1

Format	Color
Hex	0251C1
RGB	2, 81, 193
RGB Percent	1%, 32%, 76%
CMY	0.9922, 0.6824, 0.2431
CMYK	0.99, 0.58, 0.00, 0.24
HSL	215°, 98%, 38%
HSV	215°, 99%, 76%
XYZ	12.5931, 9.7480, 51.6699
YIQ	70.1470, -83.0360, 18.0840

Conversions

Conversions Part 2

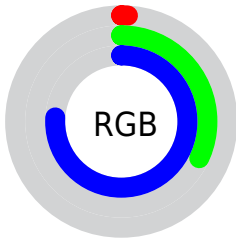
Format	Color
R_{YB}	2, 58, 193
Decimal	152001
CIE _{Lab}	37.39, 24.79, -63.95
CIE _{LCh}	37, 68.589, 291.184
Yxy	9.7480, 0.1702, 0.1317
Android (android.graphics.Color)	4278342081 (0xFF0251C1)
YUV	70.1470, 60.5665, -59.7649
Hunter-Lab	31.2218, 17.3585, -76.2655

Details

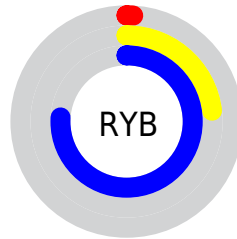
The Hex color **0251C1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C17202**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6182FA**, and **00268A** is the 20% darker color. If you saturate the color by 10%, you get **0050C1**, and if you desaturate by 10%, it is **155CC1**.

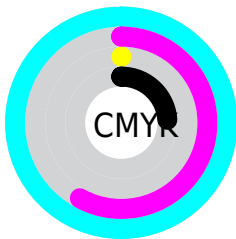
Distribution



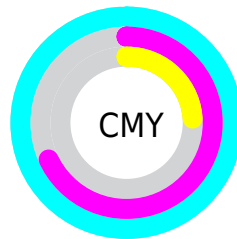
- Red (1%)
- Green (32%)
- Blue (76%)



- Red (1%)
- Yellow (23%)
- Blue (76%)



- Cyan (99%)
- Magenta (58%)
- Yellow (0%)
- Black (24%)



- Cyan (99%)
- Magenta (68%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0251C1 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 0251C1 by changing the saturation by 10% instead.

 0251C1

 0251C1

FFFFFF

 003BA5

 6182FA

 00268A

 819BFF

 001470

 9FB6FF

 000257

 BED2FF

 00063E

 DCEEFF

 000328

 FBFFFF

 000111

 000000

 0251C1

 0251C1

■ 0050C1

■ 155CC1

■ 2968C1

■ 3C73C1

■ 4F7EC1

■ 628AC1

■ 7695C1

■ 89A0C1

■ 9CAC1

■ B0B7C1

Harmonies

Analogous

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



0064C7



0251C1



882F9E

Triad

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



0251C1



9F3300



006D45

Complementary

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



0251C1



C17202

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



0251C1



7A5000

Square

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



0251C1



B40034



476100



006F7F

Rectangle

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



0251C1



A6077D



476100



006D31

Sweetspot

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



0251C1



AFCEFA



02C171



50637D



FCFCFC



7D7D7D

Same Dimension

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



0251C1



0067FA



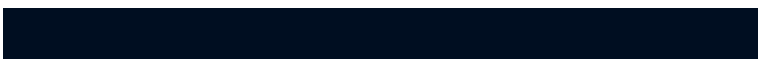
1202C1



575B61



0042A1



000E21

Inverse Universe

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



C10251



FA0067



B1C102



61575B



A10042



21000E

Previews

White Background



This preview shows how the Hex color 0251C1 looks on a white background.

Color Contrast Check

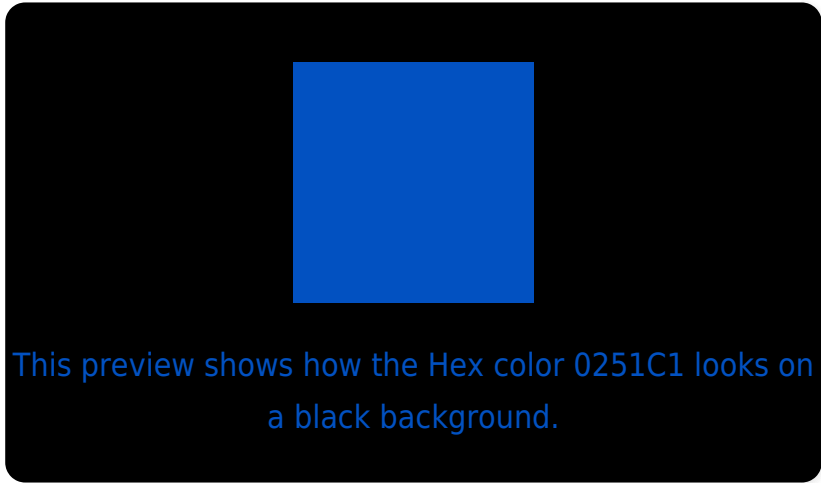
Large Text (above 18pt) WCAG AA ✓ Pass

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

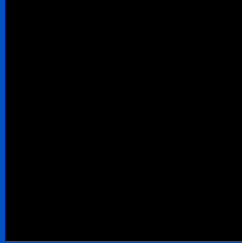
Any Text WCAG AA × Fail

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 0251C1 Background



This preview shows how black text looks on a background with the Hex color 0251C1.



This preview shows how white text looks on a background with the Hex color 0251C1.

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
0251C1

Protanopia
0055B4

Deuteranopia
005A9A

Trichromacy



Original Color
0251C1

Protanomaly
0154B9

Deuteranomaly
0157A8

Tritanomaly
015C88

Monochromacy



Original Color
0251C1

Achromatopsia
464646

Achromatomaly
2D4A73

CSS Examples

Text

The CSS property to change the color of the text to Hex 0251C1 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 #0251C1 looks like.

```
.text, #text, p{  
    color:#0251C1  
}
```

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 #0251C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0251C1
}
```

Border

The CSS property to change the border of an element to Hex 0251C1 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
#0251C1 }
```

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

```
.border{ border-color:#0251C1 }
```

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

Here you see how a box with a 4 pixel #0251C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0251C1; -webkit-box-shadow:4px 4px  
4px 4px #0251C1; box-shadow:4px 4px 4px  
4px #0251C1 }
```

Background

The CSS property to change the background color of an element to Hex 0251C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0251C1 }
```

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

```
.background{ background-color:#0251C1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor