

# Converting Colors

Hex(2C05A1)

Have a look what the booklet for  
Hex(2C05A1) contains.

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# Color

**Hex(2C05A1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2C05A1
RGB	44, 5, 161
RGB Percent	17%, 2%, 63%
CMY	0.8275, 0.9804, 0.3686
CMYK	0.73, 0.97, 0.00, 0.37
HSL	255°, 94%, 33%
HSV	255°, 97%, 63%
XYZ	7.5260, 3.2172, 33.9425
YIQ	34.4450, -26.8320, 56.7840

# Conversions

## Conversions Part 2

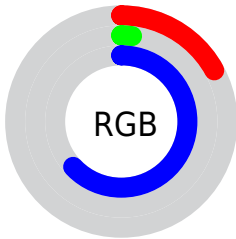
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 5, 161
Decimal	2885025
CIE <sub>Lab</sub>	20.89, 55.68, -72.00
CIE <sub>LCh</sub>	21, 91.019, 307.717
Yxy	3.2172, 0.1684, 0.0720
Android (android.graphics.Color)	4281075105 (0xFF2C05A1)
YUV	34.4450, 62.3916, 8.3797
Hunter-Lab	17.9366, 43.5075, -99.6424

# Details

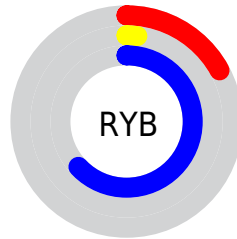
The Hex color **2C05A1** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **7AA105**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **6E3ED9**, and **00006C** is the 20% darker color. If you saturate the color by 10%, you get **2800A1**, and if you desaturate by 10%, it is **3815A1**.

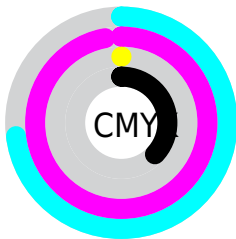
# Distribution



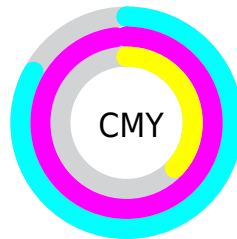
- Red (17%)
- Green (2%)
- Blue (63%)



- Red (17%)
- Yellow (2%)
- Blue (63%)



- Cyan (73%)
- Magenta (97%)
- Yellow (0%)
- Black (37%)



- Cyan (83%)
- Magenta (98%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C05A1 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 2C05A1 by changing the saturation by 10% instead.



■ 2C05A1

■ 2C05A1

■ FFFDFF

■ 000086

■ 6E3ED9

■ 00006C

■ 8C58F6

■ 000052

■ AA72FF

■ 00063A

■ C88CFF

■ 000224

■ E6A8FF

■ 00000B

■ FFC3FF

■ 000000

■ FFE0FF

■ 2C05A1

■ 2C05A1

■ 2800A1

■ 3815A1

■ 4425A1

■ 5035A1

■ 5C45A1

■ 6856A1

■ 7466A1

■ 8176A1

■ 8D86A1

■ 9996A1

# Harmonies

## Analogous

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



003BBF



2C05A1



870067

# Triad

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



2C05A1



651400



004743

# Complementary

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



2C05A1



7AA105

# 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.



004500



2C05A1



2F3600

# Square

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



2C05A1



8A0000



004100



004886

# Rectangle

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



2C05A1



98003B



004100



00462B



# Sweetspot

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



2C05A1



A494D1



057AA1



4D4469



E8E8E8



696969



# Same Dimension

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



2C05A1



3400D1



7A05A1



4B4952



240091



040012



# Inverse Universe

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



A1057A



D1009D



2CA105



524950



91006D

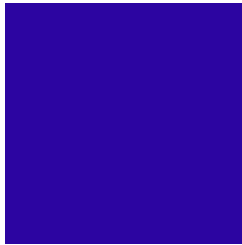


12000D



# Previews

## White Background



This preview shows how the Hex color 2C05A1 looks on a white background.

## Color Contrast Check

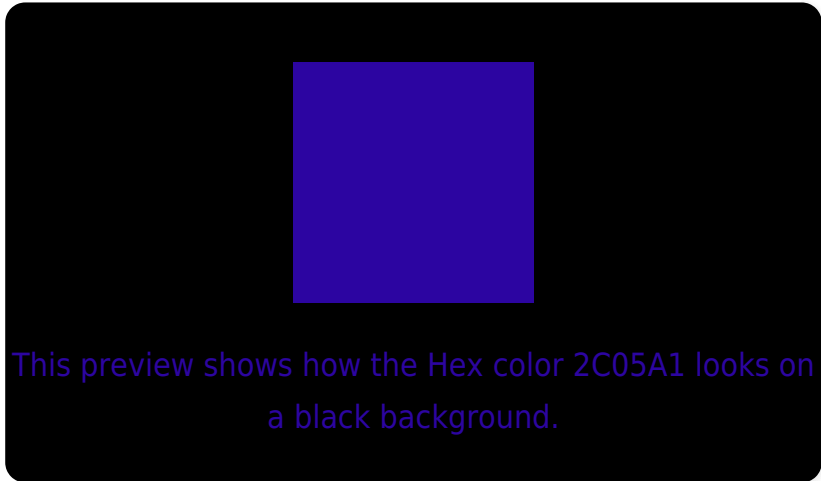
Large Text (above 18pt) WCAG AA ✓ Pass

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

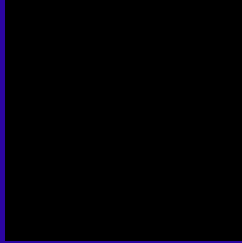
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C05A1 Background



This preview shows how black text looks on a background with the Hex color 2C05A1.



This preview shows how white text looks on a background with the Hex color 2C05A1.

# 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**  
2C05A1

**Protanopia**  
00336A

**Deuteranopia**  
00365A



**Tritanopia**  
003A3E

# Trichromacy



**Original Color**  
2C05A1

**Protanomaly**  
10227E

**Deuteranomaly**  
102474

**Tritanomaly**  
102762

# Monochromacy



**Original Color**  
2C05A1

**Achromatopsia**  
222222

**Achromatomaly**  
261750

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C05A1 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 #2C05A1 looks like.

```
.text, #text, p{  
    color:#2C05A1  
}
```

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 #2C05A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C05A1
}
```

## Border

The CSS property to change the border of an element to Hex 2C05A1 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
#2C05A1 }
```

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

```
.border{ border-color:#2C05A1 }
```

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

Here you see how a box with a 4 pixel #2C05A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C05A1; -webkit-box-shadow:4px 4px  
4px 4px #2C05A1; box-shadow:4px 4px 4px  
4px #2C05A1 }
```

# Background

The CSS property to change the background color of an element to Hex 2C05A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C05A1 }
```

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

```
.background{ background-color:#2C05A1 }
```

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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