

# Converting Colors

Hex(2D3CC5)

Have a look what the booklet for  
Hex(2D3CC5) contains.

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# Color

Hex(2D3CC5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2D3CC5
RGB	45, 60, 197
RGB Percent	18%, 24%, 77%
CMY	0.8235, 0.7647, 0.2275
CMYK	0.77, 0.70, 0.00, 0.23
HSL	234°, 63%, 47%
HSV	234°, 77%, 77%
XYZ	12.7761, 7.8208, 53.6595
YIQ	71.1330, -52.9170, 39.4270

# Conversions

## Conversions Part 2

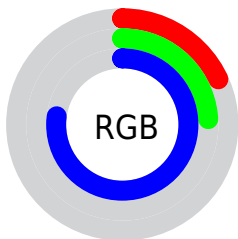
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 59, 197
Decimal	2964677
CIE <sub>Lab</sub>	33.61, 42.30, -72.45
CIE <sub>LCh</sub>	34, 83.895, 300.282
Yxy	7.8208, 0.1721, 0.1053
Android (android.graphics.Color)	4281154757 (0xFF2D3CC5)
YUV	71.1330, 62.0524, -22.9186
Hunter-Lab	27.9657, 32.6073, -94.1872

# Details

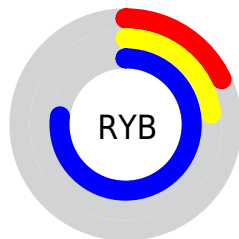
The Hex color **2D3CC5** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C5B62D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **736CFF**, and **00118E** is the 20% darker color. If you saturate the color by 10%, you get **192AC5**, and if you desaturate by 10%, it is **414EC5**.

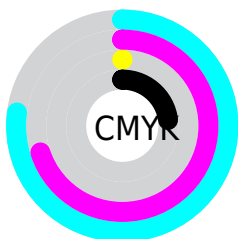
# Distribution



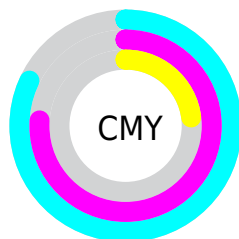
- Red (18%)
- Green (24%)
- Blue (77%)



- Red (18%)
- Yellow (23%)
- Blue (77%)



- Cyan (77%)
- Magenta (70%)
- Yellow (0%)
- Black (23%)



- Cyan (82%)
- Magenta (76%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D3CC5 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 2D3CC5 by changing the saturation by 10% instead.



 2D3CC5

 2D3CC5

FFFFFF

 0026A9

 736CFF

 00118E

 9286FF

 000073

 B1A0FF

 00025A

 CFBBFF

 000741

 EED7FF

 00032A

 FFF3FF

 000114

 000000

 2D3CC5

 2D3CC5

■ 192AC5

■ 414EC5

■ 0618C5

■ 5460C5

■ 0013C5

■ 6871C5

■ 7C83C5

■ 9095C5

■ A3A7C5

■ B7B8C5

■ CBCAC5

■ DEDCC5

# Harmonies

## Analogous

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



005AD8



2D3CC5



9A0092

# Triad

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



2D3CC5



932B00



00664E

# Complementary

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



2D3CC5



C5B62D

# 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.



006400



2D3CC5



614D00

# Square

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



2D3CC5



B30011



0D5D00



006892

# Rectangle

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



2D3CC5



B40068



0D5D00



006636



# Sweetspot

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



2D3CC5



C4CAFF



2DC5B6



5C5F80



000000



808080



# Same Dimension

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



2D3CC5



1229FF



6A2DC5



5A5A63



0010A3



000424



# Inverse Universe

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



C52D3C



FF1229



88C52D



635A5A



A30010

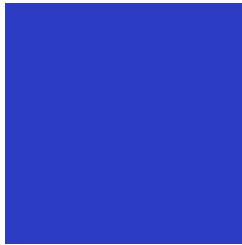


240004



# Previews

## White Background



This preview shows how the Hex color 2D3CC5 looks on a white background.

## Color Contrast Check

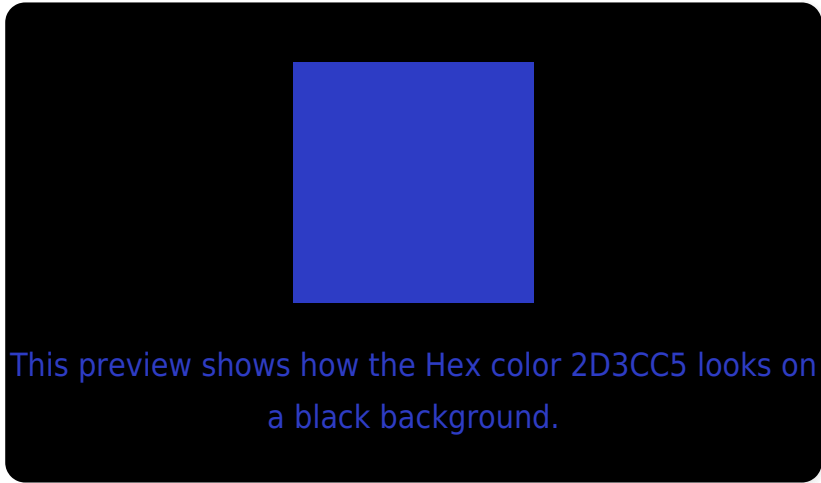
Large Text (above 18pt) WCAG AA ✓ Pass

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

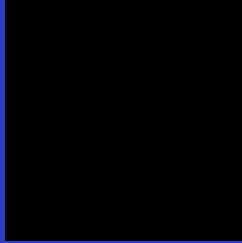
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2D3CC5 Background



This preview shows how black text looks on a background with the Hex color 2D3CC5.



This preview shows how white text looks on a background with the Hex color 2D3CC5.

# 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**  
2D3CC5

**Deuteranomaly**  
10499F

**Tritanomaly**  
104D83

# Monochromacy



**Original Color**  
2D3CC5

**Achromatopsia**  
474747

**Achromatomaly**  
3E4375

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D3CC5 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 #2D3CC5 looks like.

```
.text, #text, p{  
    color:#2D3CC5  
}
```

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 #2D3CC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3CC5
}
```

## Border

The CSS property to change the border of an element to Hex 2D3CC5 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
#2D3CC5 }
```

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

```
.border{ border-color:#2D3CC5 }
```

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

Here you see how a box with a 4 pixel #2D3CC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3CC5; -webkit-box-shadow:4px 4px  
4px 4px #2D3CC5; box-shadow:4px 4px 4px  
4px #2D3CC5 }
```

# Background

The CSS property to change the background color of an element to Hex 2D3CC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3CC5 }
```

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

```
.background{ background-color:#2D3CC5 }
```

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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