

Converting Colors

Hex(364CD9)

Have a look what the booklet for
Hex(364CD9) contains.

Hex(364CD9)	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(364CD9)

Conversions

Conversions Part 1

Format	Color
Hex	364CD9
RGB	54, 76, 217
RGB Percent	21%, 30%, 85%
CMY	0.7882, 0.7020, 0.1490
CMYK	0.75, 0.65, 0.00, 0.15
HSL	232°, 68%, 53%
HSV	232°, 75%, 85%
XYZ	16.6301, 10.9629, 66.8852
YIQ	85.4960, -58.3730, 39.1870

Conversions

Conversions Part 2

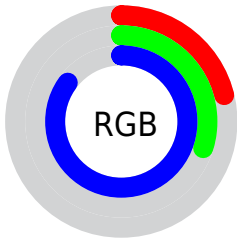
Format	Color
RYB	54, 73, 217
Decimal	3558617
CIELab	39.52, 40.35, -74.29
CIELCh	40, 84.546, 298.509
Yxy	10.9629, 0.1760, 0.1160
Android (android.graphics.Color)	4281748697 (0xFF364CD9)
YUV	85.4960, 64.8315, -27.6220
Hunter-Lab	33.1103, 31.7114, -96.5929

Details

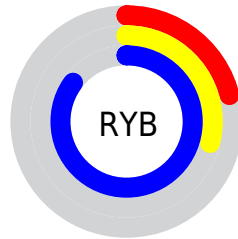
The Hex color **364CD9** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **D9C336**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7C7DFF**, and **0020A1** is the 20% darker color. If you saturate the color by 10%, you get **2039D9**, and if you desaturate by 10%, it is **4C5FD9**.

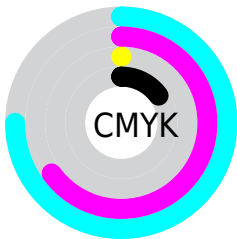
Distribution



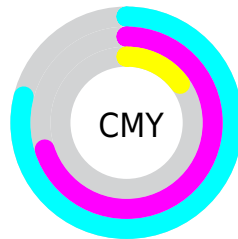
- Red (21%)
- Green (30%)
- Blue (85%)



- Red (21%)
- Yellow (29%)
- Blue (85%)



- Cyan (75%)
- Magenta (65%)
- Yellow (0%)
- Black (15%)



- Cyan (79%)
- Magenta (70%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 364CD9 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 364CD9 by changing the saturation by 10% instead.

 364CD9

 364CD9

FFFFFF

 0035BD

 7C7DFF

 0020A1

 9B97FF

 000E86

 BAB2FF

 00006C

 D9CDFF

 000B52

 F8EAFF

 00053A

 000224

 00000B

 000000

■ 364CD9

■ 364CD9

■ 2039D9

■ 4C5FD9

■ 0B26D9

■ 6172D9

■ 001DD9

■ 7784D9

■ 8D97D9

■ A3AAD9

■ B8BDD9

■ CECFD9

■ E4E2D9

■ F9F5D9

Harmonies

Analogous

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



0069EA



364CD9



A800A7

Triad

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



364CD9



A83700



007758

Complementary

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



364CD9



D9C336

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.



007300



364CD9



755A00

Square

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



364CD9



C80021



2C6B00



00789E

Rectangle

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



364CD9



C5007B



2C6B00



00763F

Sweetspot

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



364CD9



C4CCFF



36D9C1



5C6180



000000



808080

Same Dimension

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



364CD9



1938FF



6F36D9



63646E



0017AD



00062E

Inverse Universe

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



D9364C



FF1938



A0D936



6E6364



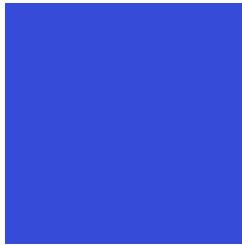
AD0017



2E0006

Previews

White Background



This preview shows how the Hex color 364CD9 looks on a white background.

Color Contrast Check

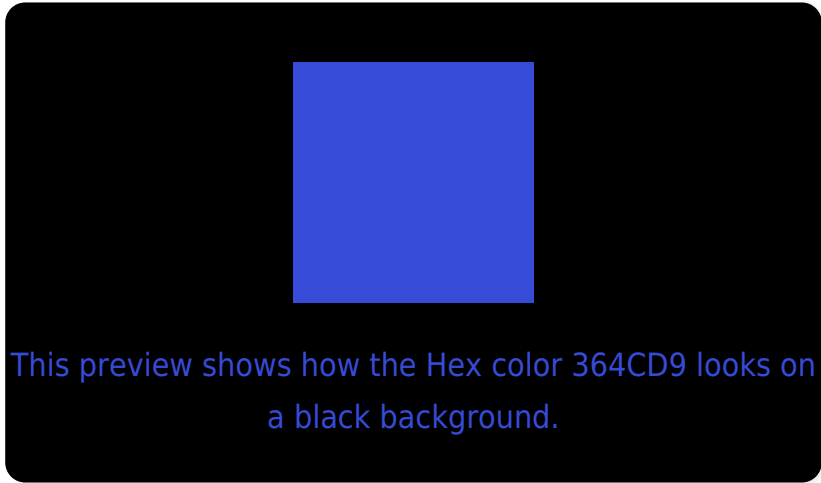
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

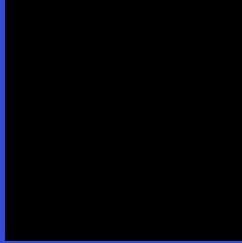
Any Text WCAG AA × Fail

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 364CD9 Background



This preview shows how black text looks on a background with the Hex color 364CD9.

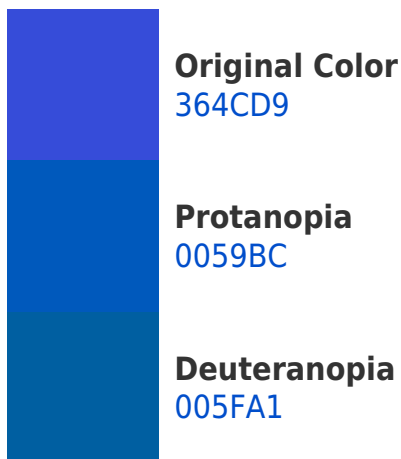


This preview shows how white text looks on a background with the Hex color 364CD9.

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





Tritanopia
00676D

Trichromacy



Original Color
364CD9

Protanomaly
1454C7

Deuteranomaly
1458B5

Tritanomaly
145D94

Monochromacy



Original Color
364CD9

Achromatopsia
555555

Achromatomaly
4A5285

CSS Examples

Text

The CSS property to change the color of the text to Hex 364CD9 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 #364CD9 looks like.

```
.text, #text, p{  
    color:#364CD9  
}
```

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 #364CD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #364CD9
}
```

Border

The CSS property to change the border of an element to Hex 364CD9 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
#364CD9 }
```

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

```
.border{ border-color:#364CD9 }
```

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

Here you see how a box with a 4 pixel #364CD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #364CD9; -webkit-box-shadow:4px 4px  
4px 4px #364CD9; box-shadow:4px 4px 4px  
4px #364CD9 }
```

Background

The CSS property to change the background color of an element to Hex 364CD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#364CD9 }
```

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

```
.background{ background-color:#364CD9 }
```

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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