

Converting Colors

Hex(9355DB)

Have a look what the booklet for
Hex(9355DB) contains.

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Color

Hex(9355DB)

Conversions

Conversions Part 1

Format	Color
Hex	9355DB
RGB	147, 85, 219
RGB Percent	58%, 33%, 86%
CMY	0.4235, 0.6667, 0.1412
CMYK	0.33, 0.61, 0.00, 0.14
HSL	268°, 65%, 60%
HSV	268°, 61%, 86%
XYZ	28.0673, 17.8145, 68.9771
YIQ	118.8140, -6.0620, 54.8180

Conversions

Conversions Part 2

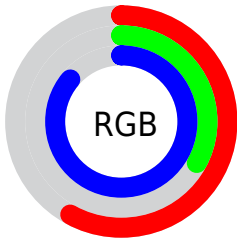
Format	Color
R _Y B	147, 85, 219
Decimal	9655771
CIE Lab	49.27, 51.62, -59.23
CIE LCh	49, 78.571, 311.072
Yxy	17.8145, 0.2444, 0.1551
Android (android.graphics.Color)	4287845851 (0xFF9355DB)
YUV	118.8140, 49.3917, 24.7191
Hunter-Lab	42.2072, 44.8376, -67.3494

Details

The Hex color **9355DB** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **9DDB55**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **CD89FF**, and **5A21A3** is the 20% darker color. If you saturate the color by 10%, you get **873FDB**, and if you desaturate by 10%, it is **9F6BDB**.

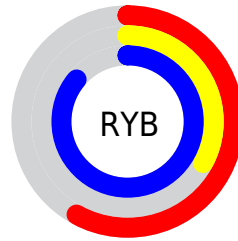
Distribution



Red (58%)

Green (33%)

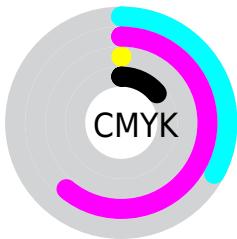
Blue (86%)



Red (58%)

Yellow (33%)

Blue (86%)

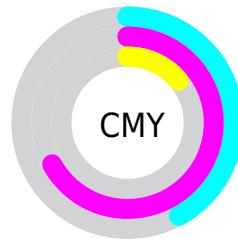


Cyan (33%)

Magenta (61%)

Yellow (0%)

Black (14%)



Cyan (42%)

Magenta (67%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9355DB 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 9355DB by changing the saturation by 10% instead.

 9355DB

 9355DB

FFFFFF

 773BBF

 CD89FF

 5A21A3

 EAA5FF

 3E0188

 FFC0FF

 1D006E

 FFDDFF

 000055

 FFFAFF

 00023D

 000226

 00010F

 000000

 9355DB

 9355DB

 873FDB

 9F6BDB

 7B29DB

 AB81DB

 7013DB

 B697DB

 6500DB

 C2ADDB

 CEC3DB

 DAD8DB

 E5EEDB

 F1FFDB

 FDFFDDB

Harmonies

Analogous

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



0076FA



9355DB



D424A2

Triad

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



9355DB



B06200



00918D

Complementary

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



9355DB



9DDB55

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.



008E47



9355DB



787A00

Square

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



9355DB



D83B1E



208800



0090CC

Rectangle

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



9355DB



E50076



208800



009176

Sweetspot

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



9355DB



E6D1FF



559FDB



706380



000000



808080

Same Dimension

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



9355DB



9B45FF



D455DB



68636E



5000AD



15002E

Inverse Universe

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



DB559D



FF45A9



5CDB55



6E6369



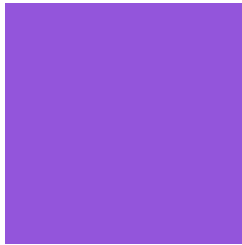
AD005D



2E0019

Previews

White Background



This preview shows how the Hex color 9355DB 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

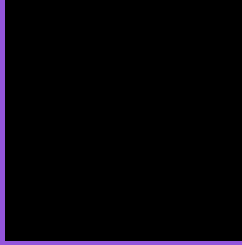
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 9355DB Background



This preview shows how black text looks on a background with the Hex color 9355DB.



This preview shows how white text looks on a background with the Hex color 9355DB.

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
9355DB

Protanopia
0071F0

Deuteranopia
0077D4



Tritanopia
80717A

Trichromacy



Original Color
9355DB



Protanomaly
3567E8



Deuteranomaly
356BD7



Tritanomaly
87679D

Monochromacy



Original Color
9355DB



Achromatopsia
777777



Achromatomaly
816B9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9355DB 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 #9355DB looks like.

```
.text, #text, p{  
    color:#9355DB  
}
```

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 #9355DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9355DB
}
```

Border

The CSS property to change the border of an element to Hex 9355DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

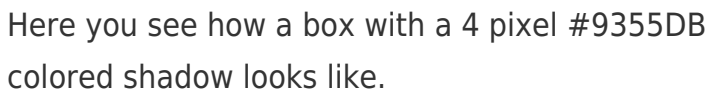
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9355DB }
```

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

```
.border{ border-color:#9355DB }
```

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



Here you see how a box with a 4 pixel #9355DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9355DB; -webkit-box-shadow:4px 4px  
4px 4px #9355DB; box-shadow:4px 4px 4px  
4px #9355DB }
```

Background

The CSS property to change the background color of an element to Hex 9355DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9355DB }
```

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

```
.background{ background-color:#9355DB }
```

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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