

Converting Colors

Hex(9355C5)

Have a look what the booklet for
Hex(9355C5) contains.

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Color

Hex(9355C5)

Conversions

Conversions Part 1

Format	Color
Hex	9355C5
RGB	147, 85, 197
RGB Percent	58%, 33%, 77%
CMY	0.4235, 0.6667, 0.2275
CMYK	0.25, 0.57, 0.00, 0.23
HSL	273°, 49%, 55%
HSV	273°, 57%, 77%
XYZ	25.3592, 16.7313, 54.7162
YIQ	116.3060, 1.0000, 47.9760

Conversions

Conversions Part 2

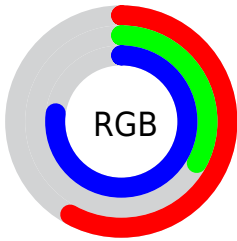
Format	Color
R_{YB}	147, 85, 197
Decimal	9655749
CIE _{Lab}	47.92, 46.37, -48.80
CIE _{LCh}	48, 67.318, 313.537
Yxy	16.7313, 0.2620, 0.1728
Android (android.graphics.Color)	4287845829 (0xFF9355C5)
YUV	116.3060, 39.7821, 26.9186
Hunter-Lab	40.9039, 39.0829, -50.6782

Details

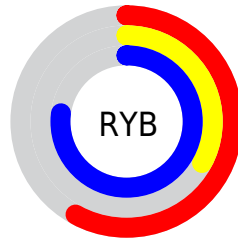
The Hex color **9355C5** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **87C555**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **CC89FE**, and **5C228E** is the 20% darker color. If you saturate the color by 10%, you get **8A41C5**, and if you desaturate by 10%, it is **9C69C5**.

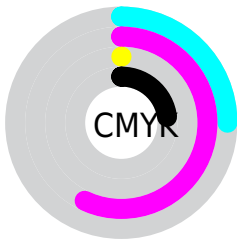
Distribution



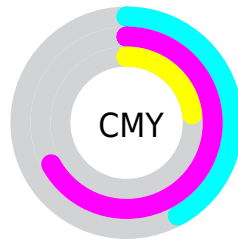
- Red (58%)
- Green (33%)
- Blue (77%)



- Red (58%)
- Yellow (33%)
- Blue (77%)



- Cyan (25%)
- Magenta (57%)
- Yellow (0%)
- Black (23%)



- Cyan (42%)
- Magenta (67%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9355C5 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 9355C5 by changing the saturation by 10% instead.

9355C5

9355C5

FFFFFF

783CA9

CC89FE

5C228E

E9A4FF

420474

FFC0FF

26005B

FFDCFF

0B0043

FFF9FF

00032C

000116

000000

9355C5

9355C5

 8A41C5

 9C69C5

 812EC5

 A57CC5

 791AC5

 AD90C5

 7006C5

 B6A4C5

 6D00C5

 BFB8C5

 C8CBC5

 D1DFC5

 D9F3C5

 E2FFC5

Harmonies

Analogous

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



0070E1



9355C5



C63693

Triad

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



9355C5



A36300



008B8B

Complementary

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



9355C5



87C555

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.



00894F



9355C5



727700

Square

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



9355C5



C64824



2A830E



0089BF

Rectangle

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



9355C5



D32B6E



2A830E



008A77

Sweetspot

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



9355C5



ECD4FF



5587C5



746680



000000



808080

Same Dimension

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



9355C5



B252FF



C555BF



5F5A63



5A00A3



140024

Inverse Universe

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



C55587



FF529F



55C55B



635A5E



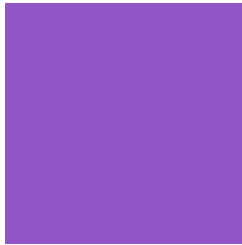
A30049



240010

Previews

White Background



This preview shows how the Hex color 9355C5 looks on a white background.

Color Contrast Check

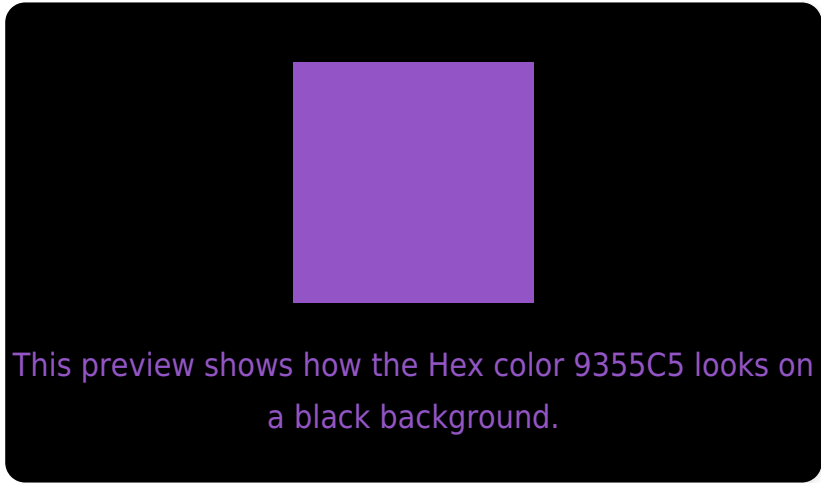
Large Text (above 18pt) WCAG AA ✓ Pass

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

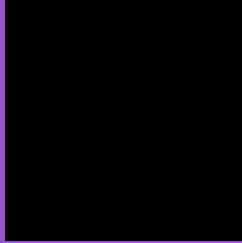
Any Text WCAG AA × Fail

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 9355C5 Background



This preview shows how black text looks on a background with the Hex color 9355C5.

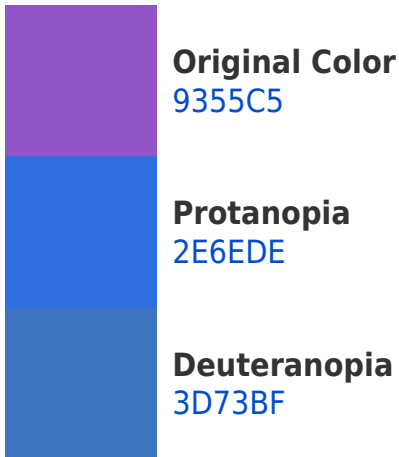



This preview shows how white text looks on a background with the Hex color 9355C5.

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](#).

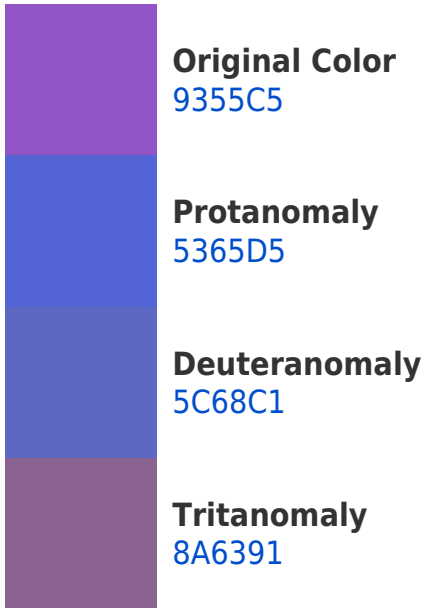
Dichromacy



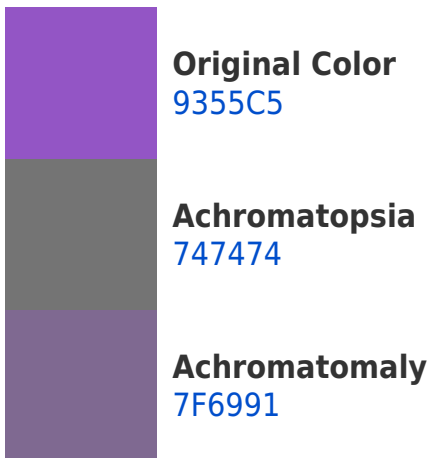


Tritanopia
856B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9355C5 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 #9355C5 looks like.

```
.text, #text, p{  
    color:#9355C5  
}
```

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 #9355C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9355C5
}
```

Border

The CSS property to change the border of an element to Hex 9355C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

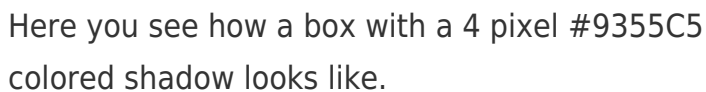
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9355C5 }
```

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

```
.border{ border-color:#9355C5 }
```

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



Here you see how a box with a 4 pixel #9355C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9355C5; -webkit-box-shadow:4px 4px  
4px 4px #9355C5; box-shadow:4px 4px 4px  
4px #9355C5 }
```

Background

The CSS property to change the background color of an element to Hex 9355C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9355C5 }
```

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

```
.background{ background-color:#9355C5 }
```

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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