

Converting Colors

Hex(9555D9)

Have a look what the booklet for
Hex(9555D9) contains.

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Color

Hex(9555D9)

Conversions

Conversions Part 1

Format	Color
Hex	9555D9
RGB	149, 85, 217
RGB Percent	58%, 33%, 85%
CMY	0.4157, 0.6667, 0.1490
CMYK	0.31, 0.61, 0.00, 0.15
HSL	269°, 63%, 59%
HSV	269°, 61%, 85%
XYZ	28.1673, 17.8963, 67.6154
YIQ	119.1840, -4.2280, 54.6200

Conversions

Conversions Part 2

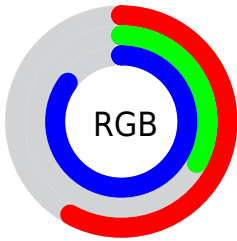
Format	Color
R _{YB}	149, 85, 217
Decimal	9786841
CIE _{Lab}	49.37, 51.59, -57.92
CIE _{LCh}	49, 77.565, 311.688
Yxy	17.8963, 0.2478, 0.1574
Android (android.graphics.Color)	4287976921 (0xFF9555D9)
YUV	119.1840, 48.2233, 26.1486
Hunter-Lab	42.3040, 44.8187, -65.1516

Details

The Hex color **9555D9** 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 **99D955**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **CF8AFF**, and **5D21A1** is the 20% darker color. If you saturate the color by 10%, you get **8A3FD9**, and if you desaturate by 10%, it is **A06BD9**.

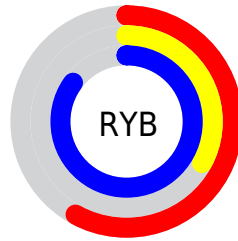
Distribution



Red (58%)

Green (33%)

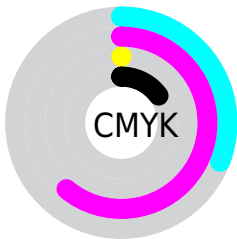
Blue (85%)



Red (58%)

Yellow (33%)

Blue (85%)

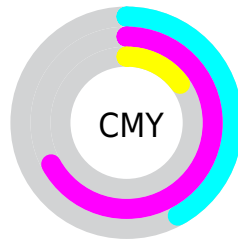


Cyan (31%)

Magenta (61%)

Yellow (0%)

Black (15%)



Cyan (42%)

Magenta (67%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9555D9 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 9555D9 by changing the saturation by 10% instead.

 9555D9

 9555D9

FFFFFF

 793BBD

 CF8AFF

 5D21A1

 ECA5FF

 400086

 FFC1FF

 21006C

 FFDDFF

 000053

 FFFAFF

 00013B

 000224

 00000C

 000000

9555D9

9555D9

8A3FD9

A06BD9

7F2AD9

AB80D9

7314D9

B796D9

6900D9

C2ACD9

CDC2D9

D8D7D9

E3EDD9

EEFFD9

FAFFD9

Harmonies

Analogous

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



0076F8



9555D9



D426A0

Triad

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



9555D9



AF6300



00918E

Complementary

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



955D9



99D955

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.



008F49



9555D9



777B00

Square

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



955D9



D63E1E



208800



0090CC

Rectangle

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



9555D9



E40575



208800



009177

Sweetspot

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



9555D9



E7D1FF



5599D9



716380



000000



808080

Same Dimension

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



9555D9



9F45FF



D755D9



68636E



5400AD



16002E

Inverse Universe

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



D95599



FF45A5



57D955



6E6368



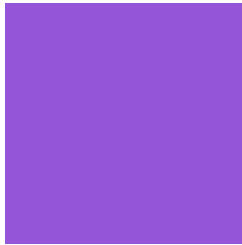
AD0059



2E0018

Previews

White Background



This preview shows how the Hex color 9555D9 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

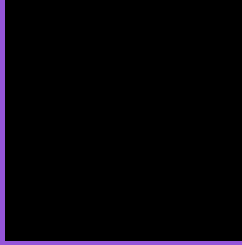
Any Text WCAG AA ✓ Pass

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 9555D9 Background



This preview shows how black text looks on a background with the Hex color 9555D9.

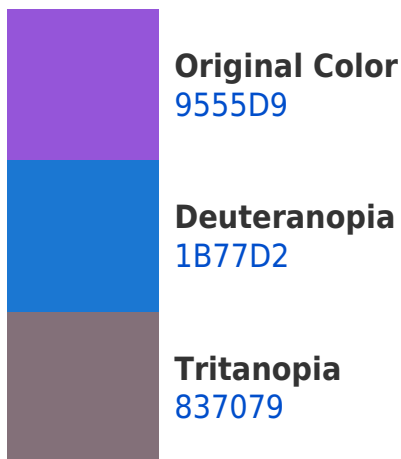


This preview shows how white text looks on a background with the Hex color 9555D9.

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
9555D9



Deuteranomaly
476BD5

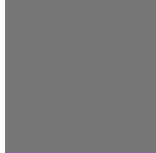


Tritanomaly
8A669C

Monochromacy



Original Color
9555D9



Achromatopsia
777777



Achromatomaly
826B9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9555D9 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 #9555D9 looks like.

```
.text, #text, p{  
    color:#9555D9  
}
```

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 #9555D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9555D9
}
```

Border

The CSS property to change the border of an element to Hex 9555D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

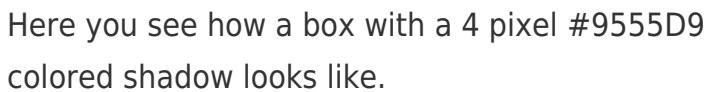
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9555D9 }
```

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

```
.border{ border-color:#9555D9 }
```

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



Here you see how a box with a 4 pixel #9555D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9555D9; -webkit-box-shadow:4px 4px  
4px 4px #9555D9; box-shadow:4px 4px 4px  
4px #9555D9 }
```

Background

The CSS property to change the background color of an element to Hex 9555D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9555D9 }
```

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

```
.background{ background-color:#9555D9 }
```

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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