

Converting Colors

Hex(9D64D9)

Have a look what the booklet for
Hex(9D64D9) contains.

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Color

Hex(9D64D9)

Conversions

Conversions Part 1

Format	Color
Hex	9D64D9
RGB	157, 100, 217
RGB Percent	62%, 39%, 85%
CMY	0.3843, 0.6078, 0.1490
CMYK	0.28, 0.54, 0.00, 0.15
HSL	269°, 61%, 62%
HSV	269°, 54%, 85%
XYZ	30.9862, 21.2922, 68.1223
YIQ	130.3810, -3.5850, 48.4710

Conversions

Conversions Part 2

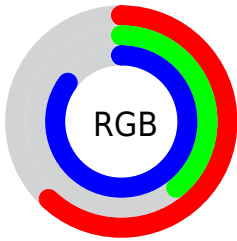
Format	Color
R _{YB}	157, 100, 217
Decimal	10314969
CIE _{Lab}	53.27, 45.55, -51.63
CIE _{LCh}	53, 68.853, 311.423
Y _{xy}	21.2922, 0.2574, 0.1768
Android (android.graphics.Color)	4288505049 (0xFF9D64D9)
Y _{UV}	130.3810, 42.7032, 23.3449
Hunter-Lab	46.1435, 39.1150, -55.2303

Details

The Hex color **9D64D9** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A0D964**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **D699FF**, and **6632A1** is the 20% darker color. If you saturate the color by 10%, you get **924ED9**, and if you desaturate by 10%, it is **A87AD9**.

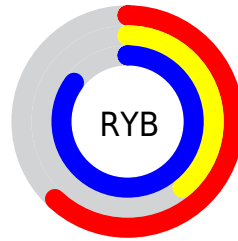
Distribution



Red (62%)

Green (39%)

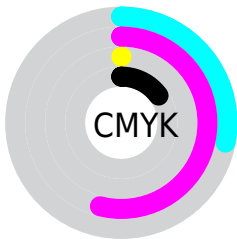
Blue (85%)



Red (62%)

Yellow (39%)

Blue (85%)

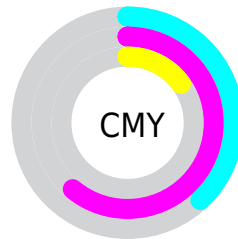


Cyan (28%)

Magenta (54%)

Yellow (0%)

Black (15%)



Cyan (38%)

Magenta (61%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D64D9 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 9D64D9 by changing the saturation by 10% instead.

 9D64D9

 9D64D9

FFFFFF

 814BBD

 D699FF

 6632A1

 F4B4FF

 4A1887

 FFD0FF

 2E006D

 FFEDFF

 110054

 00003C

 000225

 00010D

 000000

 9D64D9

 9D64D9

 924ED9

 A87AD9

 8739D9

 B38FD9

 7C23D9

 BEA5D9

 700DD9

 CABBD9

 6A00D9

 D5D1D9

 E0E6D9

 EBFCD9

 F6FFD9

 FFFFD9

Harmonies

Analogous

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



007FF5



9D64D9



D546A6

Triad

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



9D64D9



B76F00



009A95

Complementary

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



9D64D9



A0D964

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.



009757



9D64D9



858400

Square

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



9D64D9



DA5233



409116



0098CD

Rectangle

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



9D64D9



E53B7F



409116



009980

Sweetspot

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



9D64D9



EAD6FF



64A0D9



736780



000000



808080

Same Dimension

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



9D64D9



AA59FF



D764D9



68636E



5400AD



16002E

Inverse Universe

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



D964A0



FF59AE



66D964



6E6368



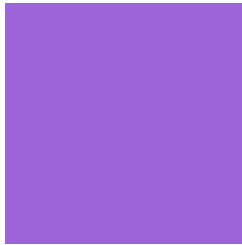
AD0059



2E0018

Previews

White Background



This preview shows how the Hex color 9D64D9 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

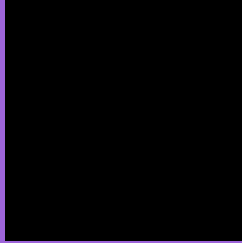
Any Text WCAG AA ✓ Pass

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 9D64D9 Background



This preview shows how black text looks on a background with the Hex color 9D64D9.

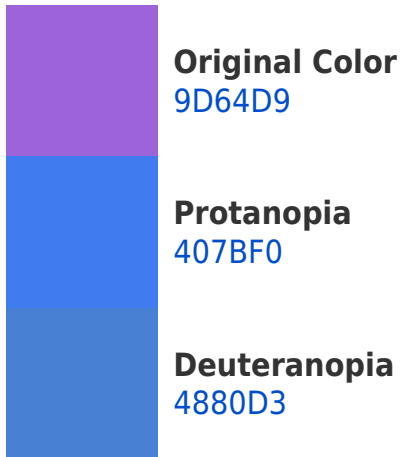



This preview shows how white text looks on a background with the Hex color 9D64D9.

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
8D7A83

Trichromacy



Original Color
9D64D9



Protanomaly
6273E8



Deuteranomaly
6776D5



Tritanomaly
9372A2

Monochromacy



Original Color
9D64D9



Achromatopsia
828282



Achromatomaly
8C77A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D64D9 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 #9D64D9 looks like.

```
.text, #text, p{  
    color:#9D64D9  
}
```

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 #9D64D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D64D9
}
```

Border

The CSS property to change the border of an element to Hex 9D64D9 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
#9D64D9 }
```

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

```
.border{ border-color:#9D64D9 }
```

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

Here you see how a box with a 4 pixel #9D64D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D64D9; -webkit-box-shadow:4px 4px  
4px 4px #9D64D9; box-shadow:4px 4px 4px  
4px #9D64D9 }
```

Background

The CSS property to change the background color of an element to Hex 9D64D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D64D9 }
```

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

```
.background{ background-color:#9D64D9 }
```

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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