

Converting Colors

Hex(9A50D4)

Have a look what the booklet for
Hex(9A50D4) contains.

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Color

Hex(9A50D4)

Conversions

Conversions Part 1

Format	Color
Hex	9A50D4
RGB	154, 80, 212
RGB Percent	60%, 31%, 83%
CMY	0.3961, 0.6863, 0.1686
CMYK	0.27, 0.62, 0.00, 0.17
HSL	274°, 61%, 57%
HSV	274°, 62%, 83%
XYZ	28.0788, 17.3608, 64.1584
YIQ	117.1740, 1.7320, 56.7400

Conversions

Conversions Part 2

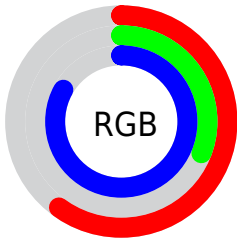
Format	Color
RYB	154, 80, 212
Decimal	10113236
CIELab	48.71, 54.08, -56.10
CIELCh	49, 77.919, 313.947
Yxy	17.3608, 0.2562, 0.1584
Android (android.graphics.Color)	4288303316 (0xFF9A50D4)
YUV	117.1740, 46.7492, 32.2964
Hunter-Lab	41.6663, 47.3744, -62.1292

Details

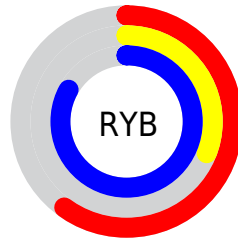
The Hex color **9A50D4** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **8AD450**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D485FF**, and **62199C** is the 20% darker color. If you saturate the color by 10%, you get **913BD4**, and if you desaturate by 10%, it is **A365D4**.

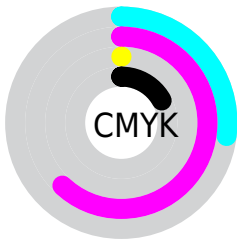
Distribution



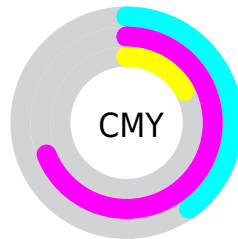
- Red (60%)
- Green (31%)
- Blue (83%)



- Red (60%)
- Yellow (31%)
- Blue (83%)



- Cyan (27%)
- Magenta (62%)
- Yellow (0%)
- Black (17%)



- Cyan (40%)
- Magenta (69%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A50D4 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 9A50D4 by changing the saturation by 10% instead.

9A50D4

9A50D4

FFFFFF

7E36B8

D485FF

62199C

F1A0FF

460082

FFBCFF

290068

FFD9FF

0B004F

FFF6FF

000137

000221

000005

000000

9A50D4

9A50D4

913BD4

A365D4

8726D4

AD7AD4

7E10D4

B690D4

7700D4

BFA5D4

C9BAD4

D2CFD4

DBE4D4

E5FAD4

EEFFD4

Harmonies

Analogous

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



0072F6



9A50D4



D51E9A

Triad

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



9A50D4



A96300



008F92

Complementary

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



9A50D4



8AD450

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.



008D4C



9A50D4



717A00

Square

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



9A50D4



D23F16



068700



008ECF

Rectangle

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



9A50D4



E3006E



068700



008F7B

Sweetspot

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



9A50D4



EACFFF



508BD4



736280



000000



808080

Same Dimension

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



9A50D4



AB40FF



D450CD



66606B



6000AB



18002B

Inverse Universe

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



D4508A



FF4094



50D457



6B6065



AB004B



2B0013

Previews

White Background



This preview shows how the Hex color 9A50D4 looks on a white background.

Color Contrast Check

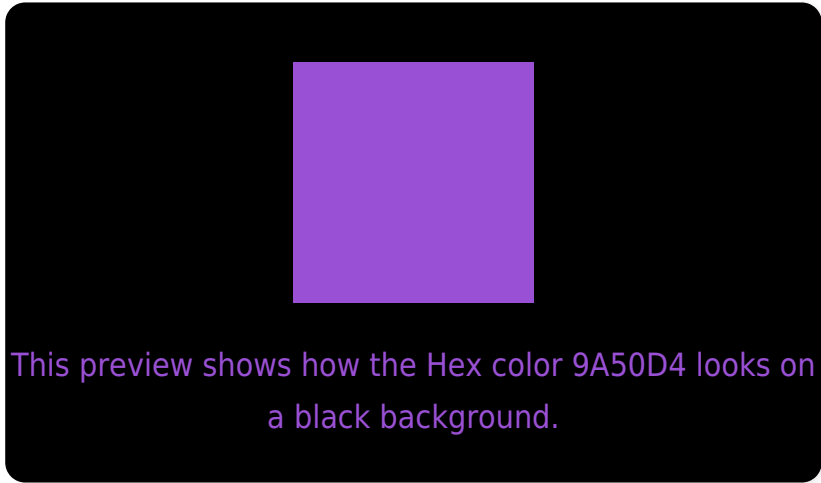
Large Text (above 18pt) WCAG AA ✓ Pass

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

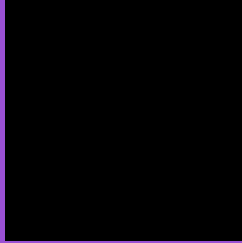
Any Text WCAG AA × Fail

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 9A50D4 Background



This preview shows how black text looks on a background with the Hex color 9A50D4.

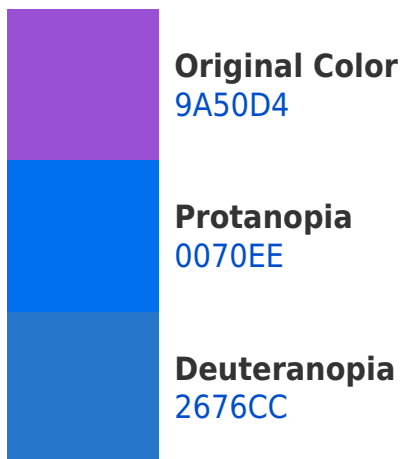



This preview shows how white text looks on a background with the Hex color 9A50D4.

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](#).

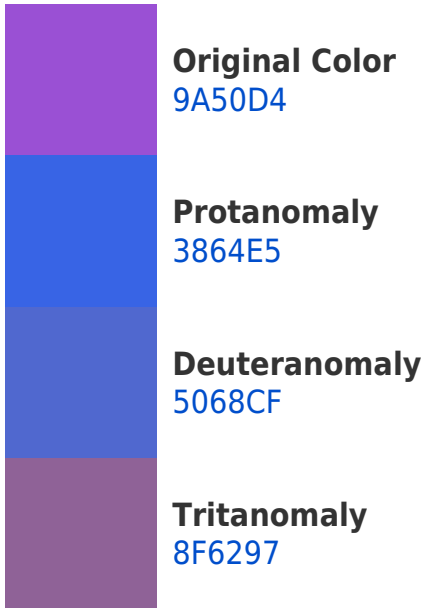
Dichromacy



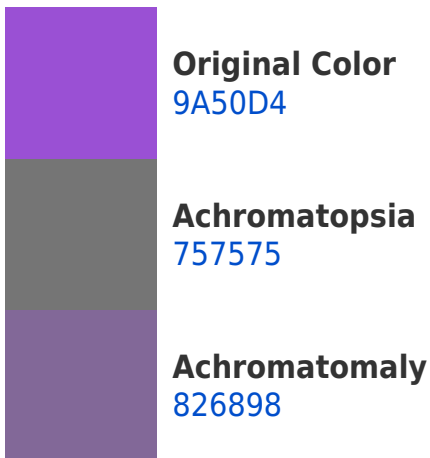


Tritanopia
896C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A50D4 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 #9A50D4 looks like.

```
.text, #text, p{  
    color:#9A50D4  
}
```

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 #9A50D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A50D4
}
```

Border

The CSS property to change the border of an element to Hex 9A50D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

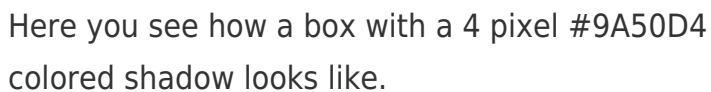
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A50D4 }
```

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

```
.border{ border-color:#9A50D4 }
```

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



Here you see how a box with a 4 pixel #9A50D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A50D4; -webkit-box-shadow:4px 4px  
4px 4px #9A50D4; box-shadow:4px 4px 4px  
4px #9A50D4 }
```

Background

The CSS property to change the background color of an element to Hex 9A50D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A50D4 }
```

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

```
.background{ background-color:#9A50D4 }
```

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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