

# Converting Colors

Hex(9165D2)

Have a look what the booklet for  
Hex(9165D2) contains.

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# Color

Hex(9165D2)

# Conversions

## Conversions Part 1

Format	Color
Hex	9165D2
RGB	145, 101, 210
RGB Percent	57%, 40%, 82%
CMY	0.4314, 0.6039, 0.1765
CMYK	0.31, 0.52, 0.00, 0.18
HSL	264°, 55%, 61%
HSV	264°, 52%, 82%
XYZ	27.9636, 19.9802, 63.3555
YIQ	126.5820, -8.7650, 43.2270

# Conversions

## Conversions Part 2

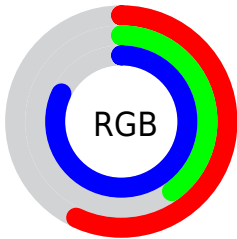
Format	Color
R <sub>Y</sub> B	145, 101, 210
Decimal	9528786
CIE Lab	51.81, 40.24, -50.05
CIE LCh	52, 64.220, 308.802
Yxy	19.9802, 0.2512, 0.1795
Android (android.graphics.Color)	4287718866 (0xFF9165D2)
YUV	126.5820, 41.1251, 16.1526
Hunter-Lab	44.6993, 33.4448, -52.7465

# Details

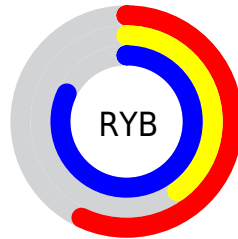
The Hex color **9165D2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A6D265**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **CA99FF**, and **5A349B** is the 20% darker color. If you saturate the color by 10%, you get **8450D2**, and if you desaturate by 10%, it is **9E7AD2**.

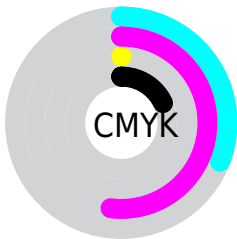
# Distribution



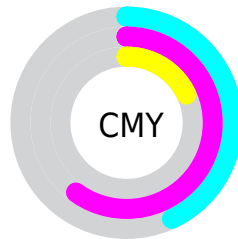
- Red (57%)
- Green (40%)
- Blue (82%)



- Red (57%)
- Yellow (40%)
- Blue (82%)



- Cyan (31%)
- Magenta (52%)
- Yellow (0%)
- Black (18%)



- Cyan (43%)
- Magenta (60%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9165D2 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 9165D2 by changing the saturation by 10% instead.



9165D2

9165D2

FFFFFF

754CB6

CA99FF

5A349B

E7B4FF

3F1C80

FFD0FF

220367

FFEDFF


02004E


000136

000220

000004

000000

 9165D2

 9165D2

 8450D2

 9E7AD2

 783BD2

 AA8FD2

 6B26D2

 B7A4D2

 5F11D2

 C3B9D2

 5500D2

 D0CED2

 DCE3D2

 E9F8D2

 F5FFD2

 FFFFD2

# Harmonies

## Analogous

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



007DE9



9165D2



C94AA4

# Triad

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



9165D2



B46A00



00948B

# Complementary

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



9165D2



A6D265

# 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.



009251



9165D2



867E00

# Square

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



9165D2



D35139



498B18



0093BF

# Rectangle

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



9165D2



D93F80



498B18



009478



# Sweetspot

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



9165D2



E7D6FF



65A6D2



716780



000000



808080



# Same Dimension

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



9165D2



A161FF



C765D2



625E69



4400A8



100029



# Inverse Universe

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



D265A6



FF61BF



70D265



695E64



A80064

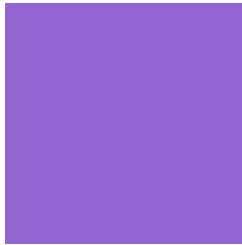


290018



# Previews

## White Background



This preview shows how the Hex color 9165D2 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 9165D2 Background



This preview shows how black text looks on a background with the Hex color 9165D2.

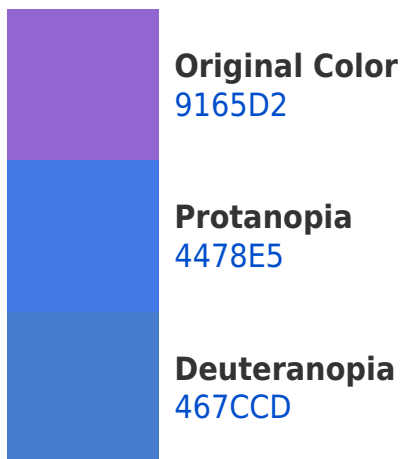


This preview shows how white text looks on a background with the Hex color 9165D2.

# 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](#).

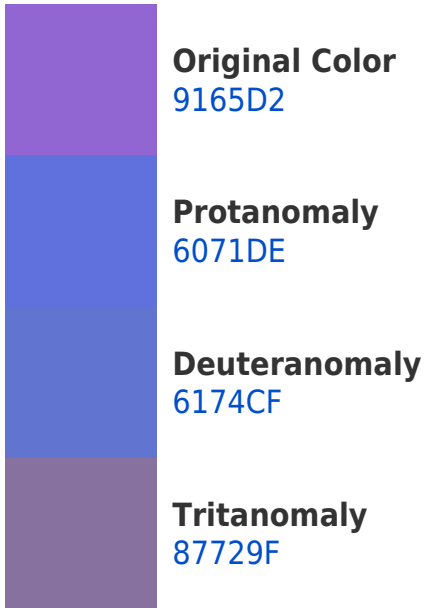
## Dichromacy



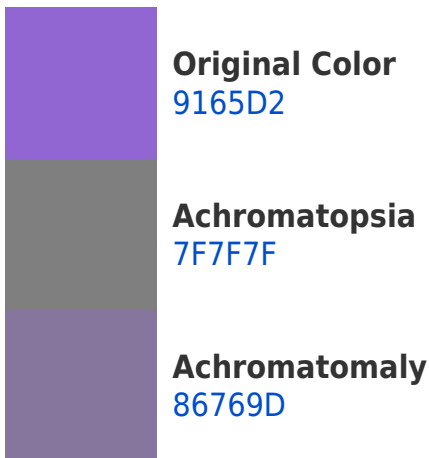


**Tritanopia**  
827982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9165D2 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 #9165D2 looks like.

```
.text, #text, p{  
    color:#9165D2  
}
```

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 #9165D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9165D2
}
```

## Border

The CSS property to change the border of an element to Hex 9165D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

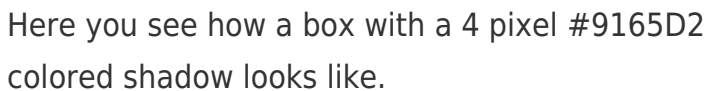
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9165D2 }
```

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

```
.border{ border-color:#9165D2 }
```

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



Here you see how a box with a 4 pixel #9165D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9165D2; -webkit-box-shadow:4px 4px  
4px 4px #9165D2; box-shadow:4px 4px 4px  
4px #9165D2 }
```

# Background

The CSS property to change the background color of an element to Hex 9165D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9165D2 }
```

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

```
.background{ background-color:#9165D2 }
```

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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