

Converting Colors

Hex(9565B6)

Have a look what the booklet for
Hex(9565B6) contains.

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Color

Hex(9565B6)

Conversions

Conversions Part 1

Format	Color
Hex	9565B6
RGB	149, 101, 182
RGB Percent	58%, 40%, 71%
CMY	0.4157, 0.6039, 0.2863
CMYK	0.18, 0.45, 0.00, 0.29
HSL	276°, 36%, 55%
HSV	276°, 45%, 71%
XYZ	25.4916, 19.0743, 46.5941
YIQ	124.5860, 2.6070, 35.3670

Conversions

Conversions Part 2

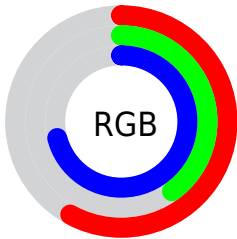
Format	Color
R_{YB}	149, 101, 182
Decimal	9790902
CIE _{Lab}	50.77, 34.63, -35.59
CIE _{LCh}	51, 49.652, 314.217
Yxy	19.0743, 0.2796, 0.2092
Android (android.graphics.Color)	4287980982 (0xFF9565B6)
YUV	124.5860, 28.3051, 21.4111
Hunter-Lab	43.6742, 27.7566, -32.6821

Details

The Hex color **9565B6** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **86B665**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **CC99EE**, and **603481** is the 20% darker color. If you saturate the color by 10%, you get **8E53B6**, and if you desaturate by 10%, it is **9C77B6**.

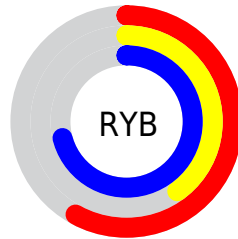
Distribution



Red (58%)

Green (40%)

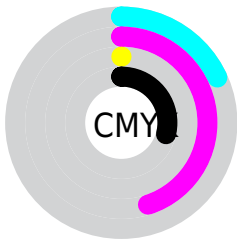
Blue (71%)



Red (58%)

Yellow (40%)

Blue (71%)

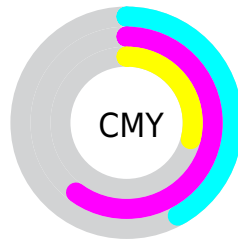


Cyan (18%)

Magenta (45%)

Yellow (0%)

Black (29%)



Cyan (42%)

Magenta (60%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9565B6 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 9565B6 by changing the saturation by 10% instead.

 9565B6

 9565B6

FFFFFF

 7A4C9B

 CC99EE

 603481

 E9B4FF

 471D67

 FFD0FF

 2E044F

 FFECFF

 1A0038

 000221

 000006

 000000

 9565B6

 9565B6

8E53B6

9C77B6

8641B6

A489B6

7F2EB6

AB9CB6

771CB6

B3AEB6

700AB6

BAC0B6

6C00B6

C1D2B6

C9E4B6

D0F7B6

D8FFB6

Harmonies

Analogous

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



4E77CB



9565B6



BA5591

Triad

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



9565B6



A26F23



008D8C

Complementary

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



9565B6



86B665

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.



008C60



9565B6



7C7D1E

Square

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



9565B6



BC5E3F



4C8739



008BB3

Rectangle

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



9565B6



C55175



4C8739



008D7E

Sweetspot

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



9565B6



E1CEED



6587B6



706578



F7F7F7



787878

Same Dimension

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



9565B6



BA6FED



B665AF



58535C



5C009C



11001C

Inverse Universe

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



B66586



ED6FA3



65B66C



5C5356



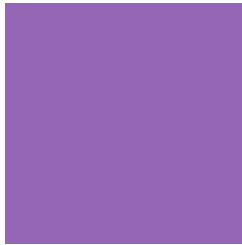
9C003F



1C000B

Previews

White Background



This preview shows how the Hex color 9565B6 looks on a white background.

Color Contrast Check

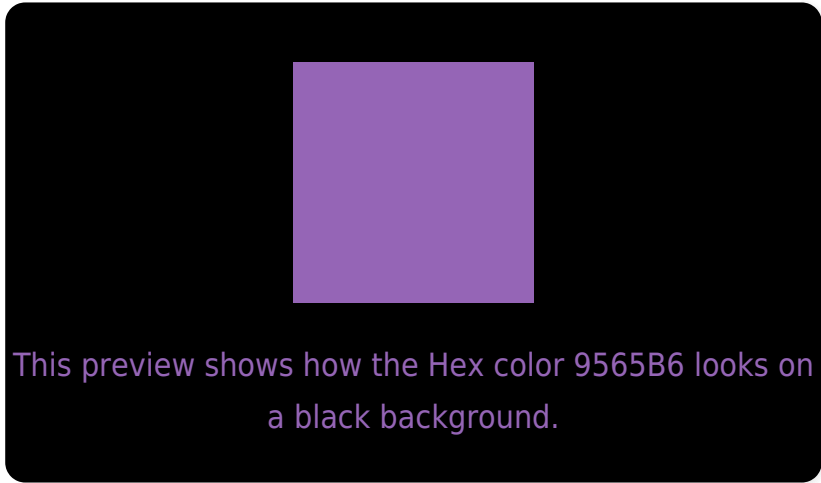
Large Text (above 18pt) WCAG AA ✓ Pass

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

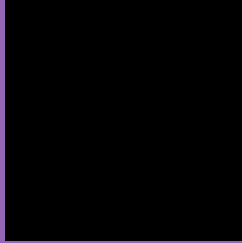
Any Text WCAG AA ✓ Pass

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 9565B6 Background



This preview shows how black text looks on a background with the Hex color 9565B6.

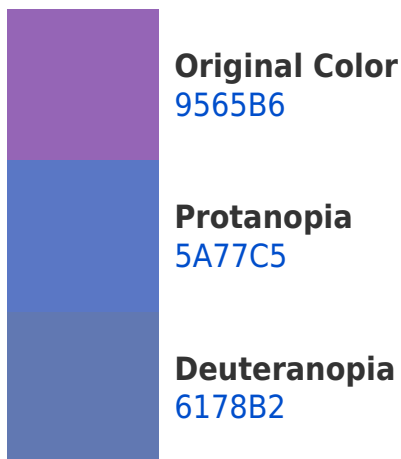


This preview shows how white text looks on a background with the Hex color 9565B6.

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](#).

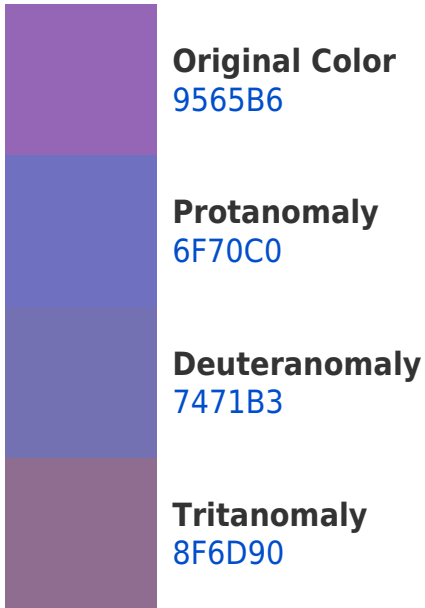
Dichromacy





Tritanopia
8C727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9565B6 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 #9565B6 looks like.

```
.text, #text, p{  
    color:#9565B6  
}
```

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 #9565B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9565B6
}
```

Border

The CSS property to change the border of an element to Hex 9565B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

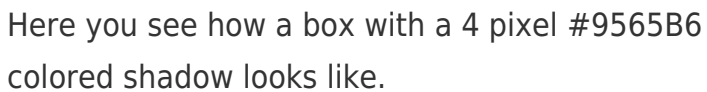
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9565B6 }
```

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

```
.border{ border-color:#9565B6 }
```

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



Here you see how a box with a 4 pixel #9565B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9565B6; -webkit-box-shadow:4px 4px  
4px 4px #9565B6; box-shadow:4px 4px 4px  
4px #9565B6 }
```

Background

The CSS property to change the background color of an element to Hex 9565B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9565B6 }
```

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

```
.background{ background-color:#9565B6 }
```

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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