

Converting Colors

Hex(9626A5)

Have a look what the booklet for
Hex(9626A5) contains.

Hex(9626A5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9626A5)

Conversions

Conversions Part 1

Format	Color
Hex	9626A5
RGB	150, 38, 165
RGB Percent	59%, 15%, 65%
CMY	0.4118, 0.8510, 0.3529
CMYK	0.09, 0.77, 0.00, 0.35
HSL	293°, 63%, 40%
HSV	293°, 77%, 65%
XYZ	20.0623, 10.5869, 36.5834
YIQ	85.9660, 25.9850, 63.2410

Conversions

Conversions Part 2

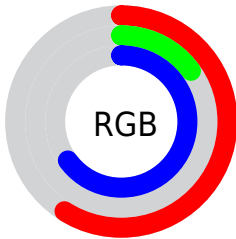
Format	Color
R_{YB}	150, 38, 165
Decimal	9840293
CIE _{Lab}	38.88, 61.17, -44.43
CIE _{LCh}	39, 75.601, 324.010
Yxy	10.5869, 0.2984, 0.1575
Android (android.graphics.Color)	4288030373 (0xFF9626A5)
YUV	85.9660, 38.9638, 56.1578
Hunter-Lab	32.5375, 53.1210, -43.8863

Details

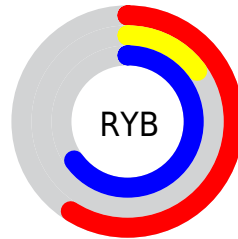
The Hex color **9626A5** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **35A526**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **CF60DD**, and **5F0070** is the 20% darker color. If you saturate the color by 10%, you get **9416A5**, and if you desaturate by 10%, it is **9837A5**.

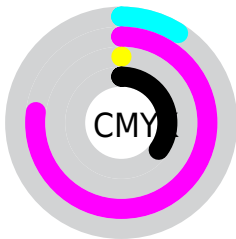
Distribution



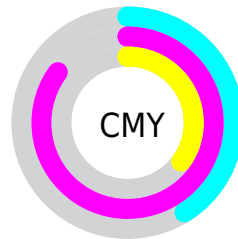
- Red (59%)
- Green (15%)
- Blue (65%)



- Red (59%)
- Yellow (15%)
- Blue (65%)



- Cyan (9%)
- Magenta (77%)
- Yellow (0%)
- Black (35%)



- Cyan (41%)
- Magenta (85%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9626A5 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 9626A5 by changing the saturation by 10% instead.

9626A5

9626A5

FFFFFF

7A008A

CF60DD

5F0070

ED7CFA

440057

FF97FF

2C003F

FFB4FF

010028

FFD0FF

000112

FFEEFF

000000

9626A5

9626A5

9416A5

9837A5

■ 9205A5

■ 9A47A5

■ 9200A5

■ 9C57A5

■ 9E68A5

■ A078A5

■ A289A5

■ A49AA5

■ A6AAA5

■ A8BBA5

Harmonies

Analogous

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



1A51CE



9626A5



BD006B

Triad

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



9626A5



7B5500



00748C

Complementary

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



9626A5



35A526

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.



00734D



9626A5



406700

Square

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



9626A5



A63500



006F00



0072C0

Rectangle

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



9626A5



C20042



006F00



007478

Sweetspot

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



9626A5



D0A5D6



2637A5



684D6B



EBEBEB



6B6B6B

Same Dimension

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



9626A5



BF11D6



A52676



514952



800091



100012

Inverse Universe

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



A52635



D61128



26A555



52494A



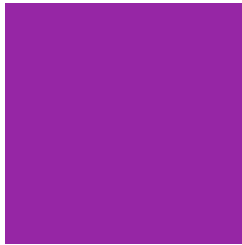
910011



120002

Previews

White Background



This preview shows how the Hex color 9626A5 looks on a white background.

Color Contrast Check

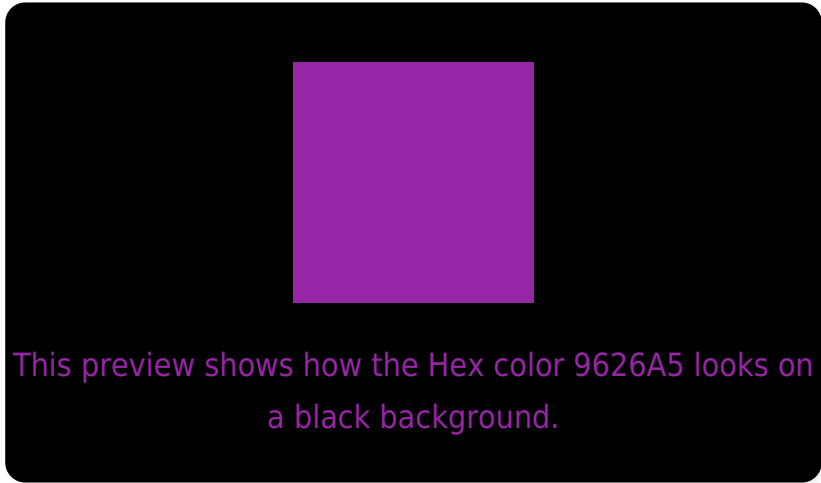
Large Text (above 18pt) WCAG AA ✓ Pass

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

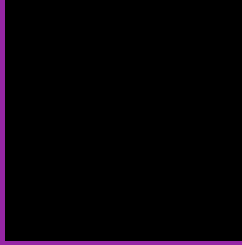
Any Text WCAG AA × Fail

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 9626A5 Background



This preview shows how black text looks on a background with the Hex color 9626A5.

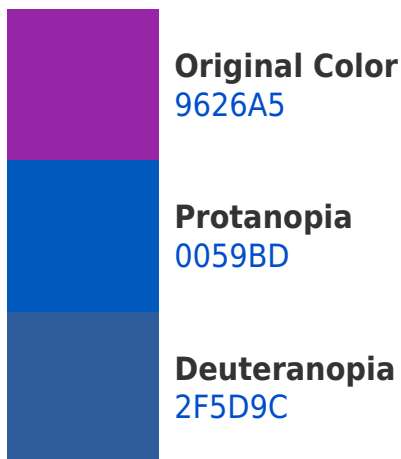


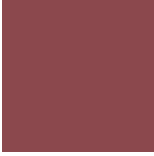
This preview shows how white text looks on a background with the Hex color 9626A5.

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
8B484D

Trichromacy



Original Color
9626A5



Protanomaly
3746B4



Deuteranomaly
54499F



Tritanomaly
8F3C6D

Monochromacy



Original Color
9626A5



Achromatopsia
565656



Achromatomaly
6D4573

CSS Examples

Text

The CSS property to change the color of the text to Hex 9626A5 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 #9626A5 looks like.

```
.text, #text, p{  
    color:#9626A5  
}
```

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 #9626A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9626A5
}
```

Border

The CSS property to change the border of an element to Hex 9626A5 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
#9626A5 }
```

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

```
.border{ border-color:#9626A5 }
```

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

Here you see how a box with a 4 pixel #9626A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9626A5; -webkit-box-shadow:4px 4px  
4px 4px #9626A5; box-shadow:4px 4px 4px  
4px #9626A5 }
```

Background

The CSS property to change the background color of an element to Hex 9626A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9626A5 }
```

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

```
.background{ background-color:#9626A5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor