

# Converting Colors

Hex(962AA5)

Have a look what the booklet for  
Hex(962AA5) contains.

<b>Hex(962AA5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(962AA5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	962AA5
RGB	150, 42, 165
RGB Percent	59%, 16%, 65%
CMY	0.4118, 0.8353, 0.3529
CMYK	0.09, 0.75, 0.00, 0.35
HSL	293°, 59%, 41%
HSV	293°, 75%, 65%
XYZ	20.1972, 10.8566, 36.6283
YIQ	88.3140, 24.8850, 61.1490

# Conversions

## Conversions Part 2

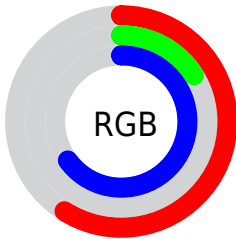
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 42, 165
Decimal	9841317
CIE <sub>Lab</sub>	39.34, 59.84, -43.69
CIE <sub>LCh</sub>	39, 74.093, 323.870
Yxy	10.8566, 0.2984, 0.1604
Android (android.graphics.Color)	4288031397 (0xFF962AA5)
<b>YUV</b>	88.3140, 37.8062, 54.0986
Hunter-Lab	32.9493, 51.7551, -42.8456

# Details

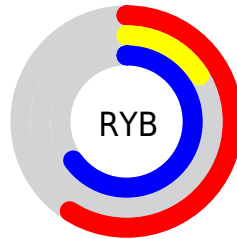
The Hex color **962AA5** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **39A52A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **CF63DD**, and **5F0070** is the 20% darker color. If you saturate the color by 10%, you get **9419A5**, and if you desaturate by 10%, it is **983AA5**.

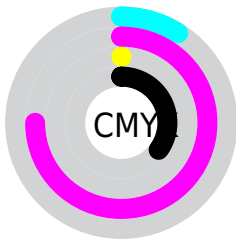
# Distribution



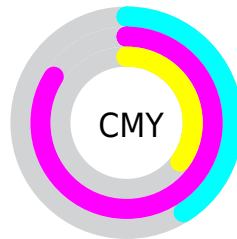
- Red (59%)
- Green (16%)
- Blue (65%)



- Red (59%)
- Yellow (16%)
- Blue (65%)



- Cyan (9%)
- Magenta (75%)
- Yellow (0%)
- Black (35%)



- Cyan (41%)
- Magenta (84%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 962AA5 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 962AA5 by changing the saturation by 10% instead.



 962AA5

 962AA5

FFFFFF

 7A008A

 CF63DD

 5F0070

 ED7EF9

 440057

 FF9AFF

 2D003F

 FFB6FF

 030028

 FFD3FF

 000112

 FFF0FF

 000000

 962AA5

 962AA5

 9419A5

 983AA5

9209A5

9A4BA5

9100A5

9C5BA5

9E6CA5

A07CA5

A28DA5

A49DA5

A6AEA5

A8BEA5

# Harmonies

## Analogous

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



2153CD



962AA5



BD006C

# Triad

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



962AA5



7C5600



00758C

# Complementary

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



962AA5



39A52A

# 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.



00744E



962AA5



436700

# Square

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



962AA5



A73700



007001



0073BF

# Rectangle

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



962AA5



C20044



007001



007578



# Sweetspot

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



962AA5



D0A7D6



2A3AA5



684F6B



EBEBEB



6B6B6B



# Same Dimension

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



962AA5



BF18D6



A52A78



514952



800091



100012



# Inverse Universe

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



A52A39



D6182F



2AA557



52494A



910012



120002



# Previews

## White Background



This preview shows how the Hex color 962AA5 looks on a white background.

## Color Contrast Check

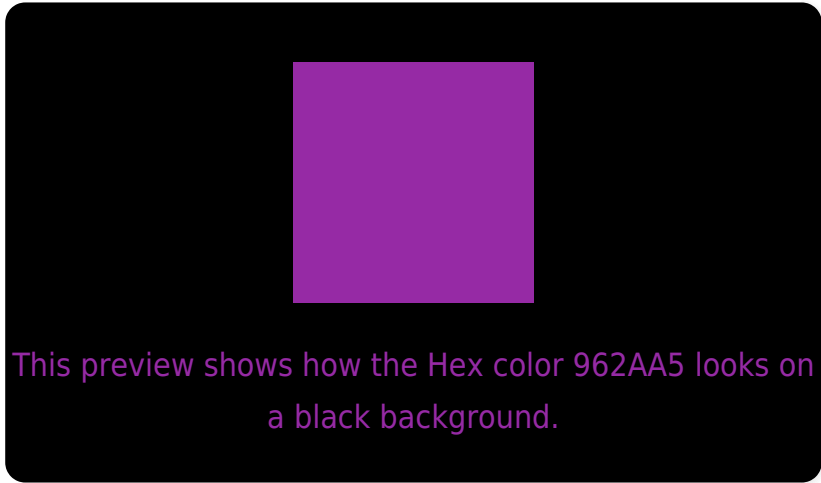
Large Text (above 18pt) WCAG AA ✓ Pass

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

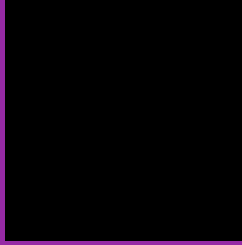
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 962AA5 Background



This preview shows how black text looks on a background with the Hex color 962AA5.

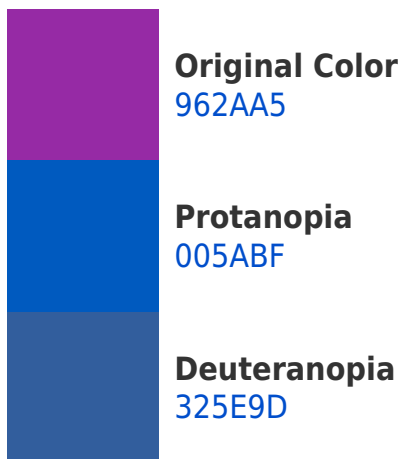


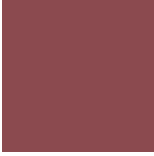
This preview shows how white text looks on a background with the Hex color 962AA5.

# 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**  
8B4A4F

# Trichromacy



**Original Color**  
962AA5



**Protanomaly**  
3749B6



**Deuteranomaly**  
564BA0



**Tritanomaly**  
8F3E6E

# Monochromacy



**Original Color**  
962AA5



**Achromatopsia**  
585858



**Achromatomaly**  
6F4774

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 962AA5 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 #962AA5 looks like.

```
.text, #text, p{  
    color:#962AA5  
}
```

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 #962AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #962AA5
}
```

## Border

The CSS property to change the border of an element to Hex 962AA5 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".

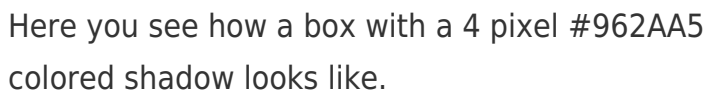
```
.border, #border, table{ border:4px solid
#962AA5 }
```

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

```
.border{ border-color:#962AA5 }
```

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

Here you see how a box with a 4 pixel #962AA5 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #962AA5; -webkit-box-shadow:4px 4px  
4px 4px #962AA5; box-shadow:4px 4px 4px  
4px #962AA5 }
```

# Background

The CSS property to change the background color of an element to Hex 962AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#962AA5 }
```

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

```
.background{ background-color:#962AA5 }
```

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