

# Converting Colors

Hex(A62184)

Have a look what the booklet for  
Hex(A62184) contains.

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**Color**

**Hex(A62184)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A62184
RGB	166, 33, 132
RGB Percent	65%, 13%, 52%
CMY	0.3490, 0.8706, 0.4824
CMYK	0.00, 0.80, 0.20, 0.35
HSL	315°, 67%, 39%
HSV	315°, 80%, 65%
XYZ	20.4346, 10.8606, 22.8491
YIQ	84.0530, 47.4890, 58.9850

# Conversions

## Conversions Part 2

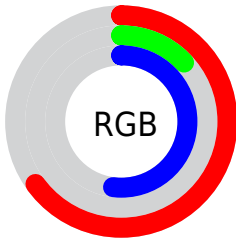
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 33, 132
Decimal	10887556
CIELab	39.34, 60.98, -23.43
CIELCh	39, 65.325, 338.983
Yxy	10.8606, 0.3774, 0.2006
Android (android.graphics.Color)	4289077636 (0xFFA62184)
YUV	84.0530, 23.6379, 71.8675
Hunter-Lab	32.9555, 53.0098, -18.0388

# Details

The Hex color **A62184** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **21A643**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **E05EB9**, and **6E0052** is the 20% darker color. If you saturate the color by 10%, you get **A61080**, and if you desaturate by 10%, it is **A63288**.

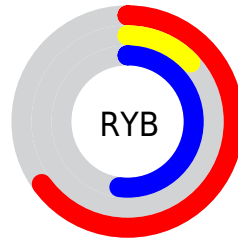
# Distribution



Red (65%)

Green (13%)

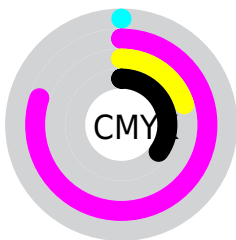
Blue (52%)



Red (65%)

Yellow (13%)

Blue (52%)

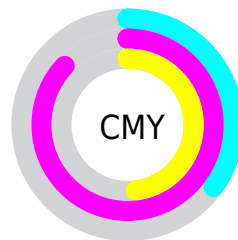


Cyan (0%)

Magenta (80%)

Yellow (20%)

Black (35%)



Cyan (35%)

Magenta (87%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A62184 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 A62184 by changing the saturation by 10% instead.



 A62184

 A62184

FFFFFF

 8A006B

 E05EB9

 6E0052

 FE7AD5

 52003B

 FF96F2

 3A0025

 FFB2FF

 1A000D

 FFCFFF

 000000

 FFEDFF

 A62184

 A62184

 A61080

 A63288

 A6007C

 A6428C

 A65391

 A66395

 A67499

 A6859D

 A695A2

 A6A6A6

 A6B6AA

# Harmonies

## Analogous

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



6F45B0



A62184



B8074F

# Triad

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



A62184



636000



00729F

# Complementary

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



A62184



21A643

# 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.



00736C



A62184



236B00

# Square

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



A62184



8F4C00



007134



006DC1

# Rectangle

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



A62184



B3202D



007134



00738F



# Sweetspot

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



A62184



D9A5CB



4221A6



6E4E66



EDEDED



6E6E6E



# Same Dimension

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



A62184



D909A4



A62142



544C52



94006E



14000F



# Inverse Universe

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



A62184



D909A4



21A685



544C52



94006E



14000F



# Previews

## White Background



This preview shows how the Hex color A62184 looks on a white background.

## Color Contrast Check

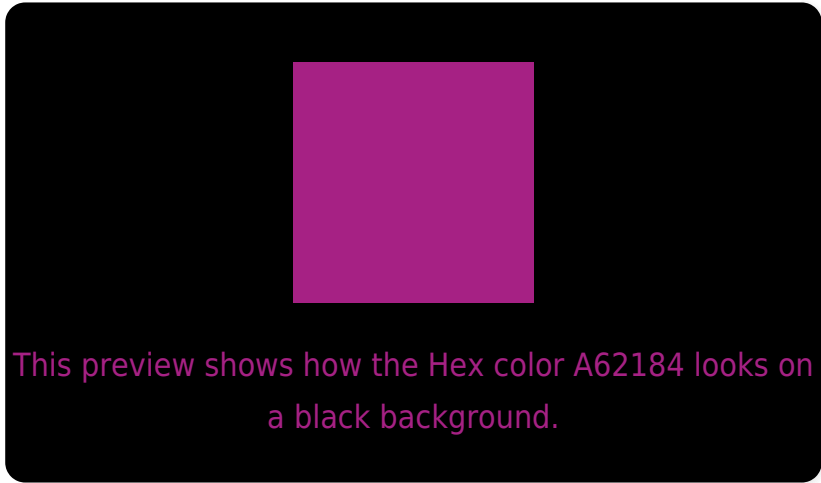
Large Text (above 18pt) WCAG AA ✓ Pass

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

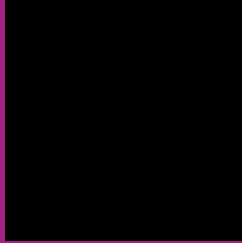
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A62184 Background



This preview shows how black text looks on a background with the Hex color A62184.

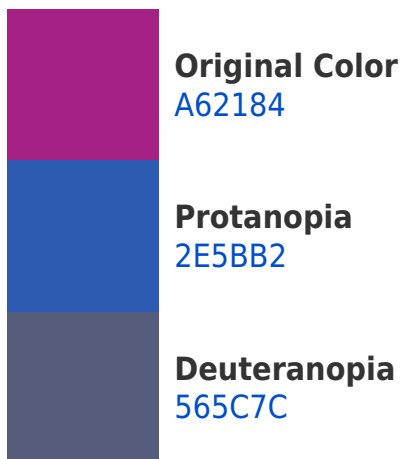


This preview shows how white text looks on a background with the Hex color A62184.

# 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**  
A03B3E

# Trichromacy



**Original Color**  
A62184



**Protanomaly**  
5A46A1



**Deuteranomaly**  
73477F



**Tritanomaly**  
A23257

# Monochromacy



**Original Color**  
A62184



**Achromatopsia**  
545454



**Achromatomaly**  
724165

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A62184 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 #A62184 looks like.

```
.text, #text, p{  
    color:#A62184  
}
```

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 #A62184 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A62184
}
```

## Border

The CSS property to change the border of an element to Hex A62184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

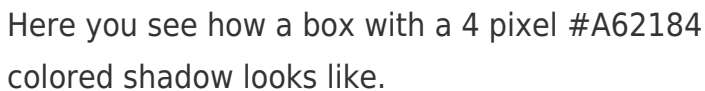
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A62184 }
```

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

```
.border{ border-color:#A62184 }
```

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



Here you see how a box with a 4 pixel #A62184 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A62184; -webkit-box-shadow:4px 4px  
4px 4px #A62184; box-shadow:4px 4px 4px  
4px #A62184 }
```

# Background

The CSS property to change the background color of an element to Hex A62184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A62184 }
```

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

```
.background{ background-color:#A62184 }
```

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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