

# Converting Colors

Hex(A21668)

Have a look what the booklet for  
Hex(A21668) contains.

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**Color**

**Hex(A21668)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A21668
RGB	162, 22, 104
RGB Percent	64%, 9%, 41%
CMY	0.3647, 0.9137, 0.5922
CMYK	0.00, 0.86, 0.36, 0.36
HSL	325°, 76%, 36%
HSV	325°, 86%, 64%
XYZ	17.6859, 9.2547, 13.9509
YIQ	73.2080, 57.1180, 55.1820

# Conversions

## Conversions Part 2

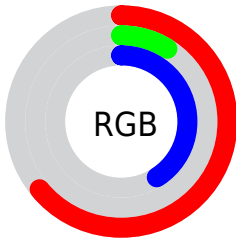
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 22, 104
Decimal	10622568
CIE <sub>Lab</sub>	36.47, 59.29, -10.36
CIE <sub>LCh</sub>	36, 60.186, 350.087
Yxy	9.2547, 0.4325, 0.2263
Android (android.graphics.Color)	4288812648 (0xFFA21668)
YUV	73.2080, 15.1805, 77.8706
Hunter-Lab	30.4215, 50.5354, -5.8945

# Details

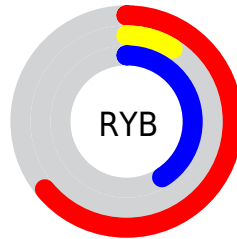
The Hex color **A21668** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **16A250**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **DD569B**, and **690039** is the 20% darker color. If you saturate the color by 10%, you get **A20661**, and if you desaturate by 10%, it is **A2266F**.

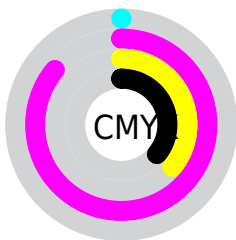
# Distribution



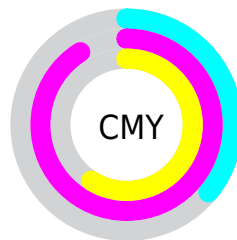
- Red (64%)
- Green (9%)
- Blue (41%)



- Red (64%)
- Yellow (9%)
- Blue (41%)



- Cyan (0%)
- Magenta (86%)
- Yellow (36%)
- Black (36%)



- Cyan (36%)
- Magenta (91%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A21668 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 A21668 by changing the saturation by 10% instead.



 A21668

 A21668

FFFFFF

 850050

 DD569B

 690039

 FB72B6

 4D0023

 FF8ED2

 34000C

 FFAAEE

 030000

 FFC7FF

 000000

 FFE4FF

 A21668

 A21668

 A20661

 A2266F

 A2005F

 A23675

 A2477C

 A25783

 A2678A

 A27790

 A28797

 A2989E

 A2A8A4

# Harmonies

## Analogous

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



7E3695



A21668



A81838

# Triad

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



A21668



4A5D00



0068A0

# Complementary

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



A21668



16A250

# 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.



006A76



A21668



00650C

# Square

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



A21668



764E00



006944



0061B6

# Rectangle

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



A21668



9F2D19



006944



006A94



# Sweetspot

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



A21668



D49DBD



4E16A2



6B4A5D



EBEBEB



6B6B6B



# Same Dimension

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



A21668



D4007C



A21624



52494E



910055



12000A



# Inverse Universe

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



A21668



D4007C



16A294



52494E



910055



12000A



# Previews

## White Background



This preview shows how the Hex color A21668 looks on a white background.

## Color Contrast Check

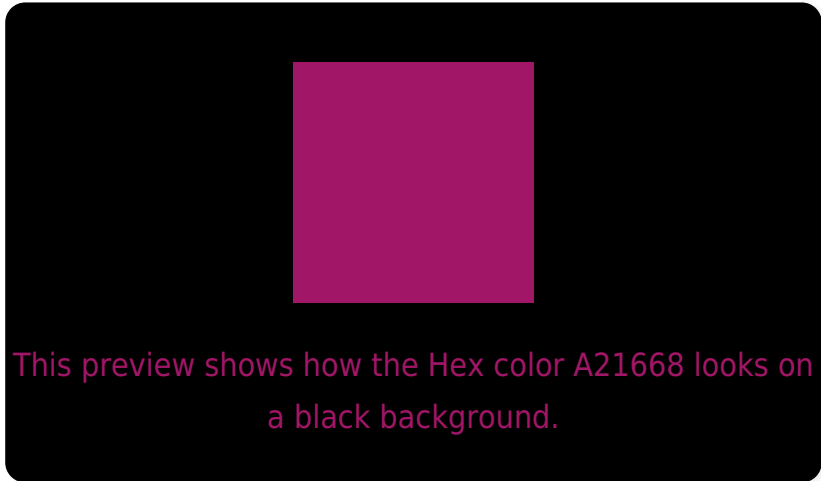
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 A21668 Background



This preview shows how black text looks on a background with the Hex color A21668.



This preview shows how white text looks on a background with the Hex color A21668.

# 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



**Original Color**  
A21668

**Protanopia**  
3F5691

**Deuteranopia**  
5B5561



**Tritanopia**  
9E2D2F

# Trichromacy



**Original Color**  
A21668

**Protanomaly**  
633F82

**Deuteranomaly**  
753E64

**Tritanomaly**  
9F2544

# Monochromacy



**Original Color**  
A21668

**Achromatopsia**  
494949

**Achromatomaly**  
693654

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A21668 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 #A21668 looks like.

```
.text, #text, p{  
    color:#A21668  
}
```

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 #A21668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A21668  
}
```

## Border

The CSS property to change the border of an element to Hex A21668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

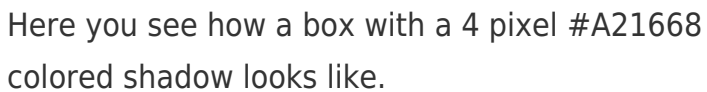
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A21668 }
```

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

```
.border{ border-color:#A21668 }
```

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



Here you see how a box with a 4 pixel #A21668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A21668; -webkit-box-shadow:4px 4px  
4px 4px #A21668; box-shadow:4px 4px 4px  
4px #A21668 }
```

# Background

The CSS property to change the background color of an element to Hex A21668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A21668 }
```

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

```
.background{ background-color:#A21668 }
```

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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