

# Converting Colors

Hex(A32671)

Have a look what the booklet for  
Hex(A32671) contains.

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# Color

**Hex(A32671)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A32671
RGB	163, 38, 113
RGB Percent	64%, 15%, 44%
CMY	0.3608, 0.8510, 0.5569
CMYK	0.00, 0.77, 0.31, 0.36
HSL	324°, 62%, 39%
HSV	324°, 77%, 64%
XYZ	18.7780, 10.3650, 16.6337
YIQ	83.9250, 50.4250, 49.8250

# Conversions

## Conversions Part 2

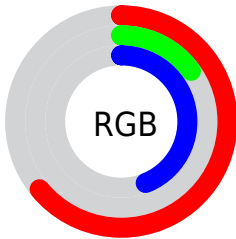
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 38, 113
Decimal	10692209
CIE <sub>Lab</sub>	38.49, 56.34, -12.97
CIE <sub>LCh</sub>	38, 57.814, 347.038
Yxy	10.3650, 0.4102, 0.2264
Android (android.graphics.Color)	4288882289 (0xFFA32671)
YUV	83.9250, 14.3340, 69.3488
Hunter-Lab	32.1947, 47.7717, -8.0964

# Details

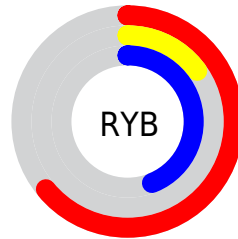
The Hex color **A32671** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **26A358**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **DD60A5**, and **6B0041** is the 20% darker color. If you saturate the color by 10%, you get **A3166A**, and if you desaturate by 10%, it is **A33678**.

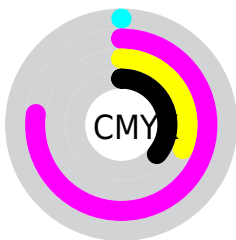
# Distribution



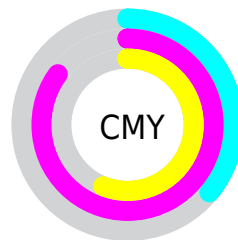
- Red (64%)
- Green (15%)
- Blue (44%)



- Red (64%)
- Yellow (15%)
- Blue (44%)



- Cyan (0%)
- Magenta (77%)
- Yellow (31%)
- Black (36%)



- Cyan (36%)
- Magenta (85%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A32671 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 A32671 by changing the saturation by 10% instead.



 A32671

 A32671

FFFFFF

 870058

 DD60A5

 6B0041

 FB7BC0

 4F002B

 FF97DC

 370017

 FFB3F8

 100000

 FFD0FF

 000000

 FFEDFF

 A32671

 A32671

 A3166A

 A33678

 A30564

 A3477E

 A30062

 A35785

 A3678B

 A37892

 A38898

 A3989F

 A3A8A5

 A3B9AC

# Harmonies

## Analogous

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



7D409B



A32671



AC2342

# Triad

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



A32671



556100



006D9F

# Complementary

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



A32671



26A358

# 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.



006F75



A32671



116A10

# Square

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



A32671



7F5100



006E44



0066B7

# Rectangle

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



A32671



A43224



006E44



006E92



# Sweetspot

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



A32671



D4A3C0



5826A3



6B4D5F



EBEBEB



6B6B6B



# Same Dimension

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



A32671



D41186



A32633



52494E



910057



12000B



# Inverse Universe

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



A32671



D41186



26A396



52494E



910057



12000B



# Previews

## White Background



This preview shows how the Hex color A32671 looks on a white background.

## Color Contrast Check

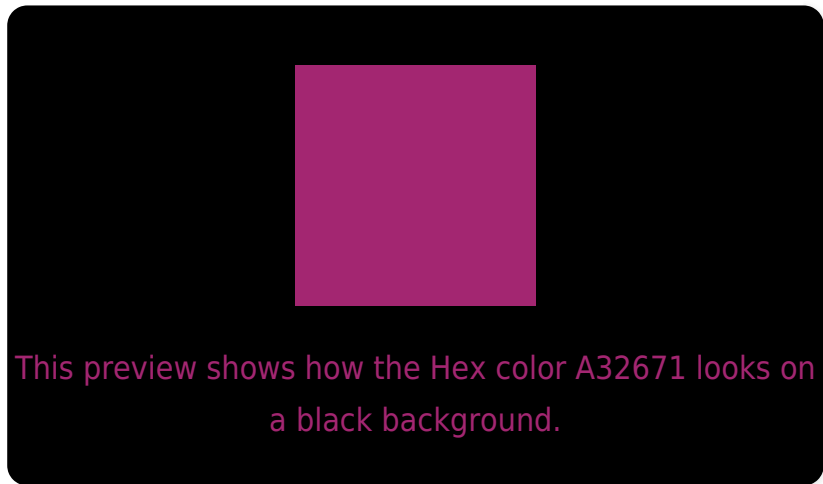
Large Text (above 18pt) WCAG AA ✓ Pass

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

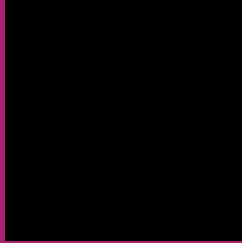
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A32671 Background



This preview shows how black text looks on a background with the Hex color A32671.




This preview shows how white text looks on a background with the Hex color A32671.

# 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**  
9F373A

# Trichromacy



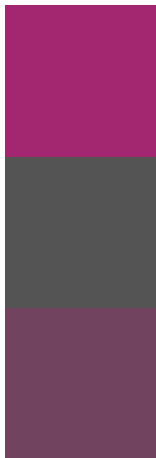
**Original Color**  
A32671

**Protanomaly**  
674789

**Deuteranomaly**  
77476D

**Tritanomaly**  
A0314E

# Monochromacy



**Original Color**  
A32671

**Achromatopsia**  
545454

**Achromatomaly**  
71435F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A32671 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 #A32671 looks like.

```
.text, #text, p{  
    color:#A32671  
}
```

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 #A32671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A32671
}
```

## Border

The CSS property to change the border of an element to Hex A32671 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
#A32671 }
```

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

```
.border{ border-color:#A32671 }
```

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

Here you see how a box with a 4 pixel #A32671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A32671; -webkit-box-shadow:4px 4px  
4px 4px #A32671; box-shadow:4px 4px 4px  
4px #A32671 }
```

# Background

The CSS property to change the background color of an element to Hex A32671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A32671 }
```

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

```
.background{ background-color:#A32671 }
```

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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