

# Converting Colors

Hex(A24589)

Have a look what the booklet for  
Hex(A24589) contains.

<b>Hex(A24589)</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(A24589)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A24589
RGB	162, 69, 137
RGB Percent	64%, 27%, 54%
CMY	0.3647, 0.7294, 0.4627
CMYK	0.00, 0.57, 0.15, 0.36
HSL	316°, 40%, 45%
HSV	316°, 57%, 64%
XYZ	21.5438, 13.7438, 25.1842
YIQ	104.5590, 33.6000, 40.8640

# Conversions

## Conversions Part 2

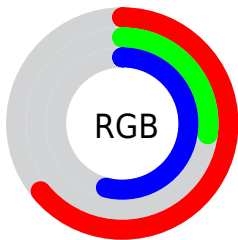
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 69, 137
Decimal	10634633
CIE <sub>Lab</sub>	43.86, 46.83, -19.56
CIE <sub>LCh</sub>	44, 50.747, 337.334
Yxy	13.7438, 0.3563, 0.2273
Android (android.graphics.Color)	4288824713 (0xFFA24589)
YUV	104.5590, 15.9934, 50.3758
Hunter-Lab	37.0726, 38.8536, -14.3262

# Details

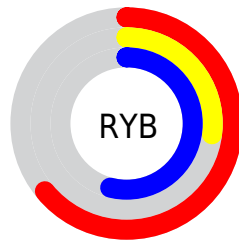
The Hex color **A24589** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **45A25E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **DB7ABF**, and **6C0A57** is the 20% darker color. If you saturate the color by 10%, you get **A23585**, and if you desaturate by 10%, it is **A2558D**.

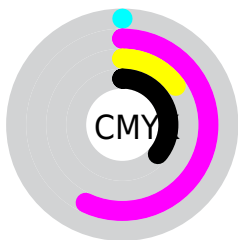
# Distribution



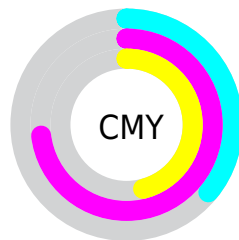
- Red (64%)
- Green (27%)
- Blue (54%)



- Red (64%)
- Yellow (27%)
- Blue (54%)



- Cyan (0%)
- Magenta (57%)
- Yellow (15%)
- Black (36%)



- Cyan (36%)
- Magenta (73%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A24589 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 A24589 by changing the saturation by 10% instead.



 A24589

 A24589

FFFFFF

 862A6F

 DB7ABF

 6C0A57

 F895DA

 51003F

 FFB0F7

 380029

 FFCCFF

 1E0014

 FFE9FF

 000000

 A24589

 A24589

 A23585

 A2558D

 A22580

 A26592

 A2147C

 A27696

 A20478

 A2869A

 A20076

 A2969F

 A2A6A3

 A2B6A7

 A2C7AC

 A2D7B0

# Harmonies

## Analogous

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



7658AB



A24589



B33D5F

# Triad

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



A24589



736900



007A9A

# Complementary

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



A24589



45A25E

# 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.



007B71



A24589



46731E

# Square

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



A24589



965A14



007945



0075B5

# Rectangle

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



A24589



B14344



007945



007B8D



# Sweetspot

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



A24589



D4B0CA



5E45A2



6B5665



EBEBEB



6B6B6B



# Same Dimension

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



A24589



D442AC



A2455B



52494F



91006A



12000D



# Inverse Universe

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



A24589



D442AC



45A28C



52494F



91006A

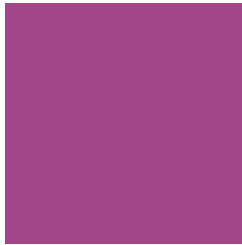


12000D



# Previews

## White Background



This preview shows how the Hex color A24589 looks on a white background.

## Color Contrast Check

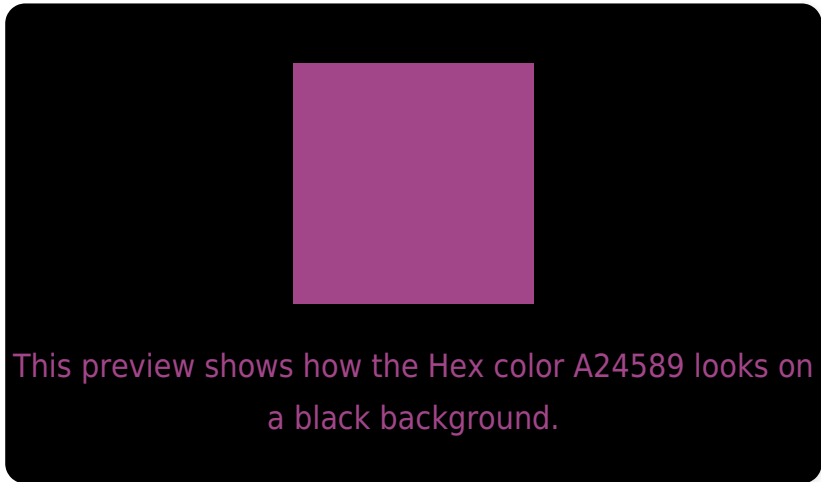
Large Text (above 18pt) WCAG AA ✓ Pass

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

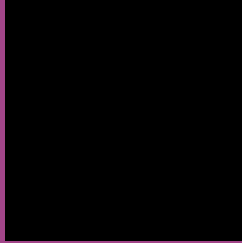
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A24589 Background



This preview shows how black text looks on a background with the Hex color A24589.




This preview shows how white text looks on a background with the Hex color A24589.

# 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**  
9D5157

# Trichromacy



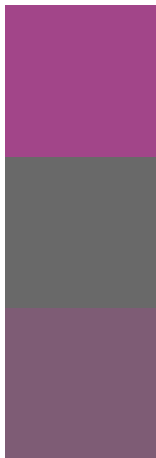
**Original Color**  
A24589

**Protanomaly**  
6F5A9A

**Deuteranomaly**  
7B5A86

**Tritanomaly**  
9F4D69

# Monochromacy



**Original Color**  
A24589

**Achromatopsia**  
696969

**Achromatomaly**  
7E5C75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A24589 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 #A24589 looks like.

```
.text, #text, p{  
    color:#A24589  
}
```

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 #A24589 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A24589
}
```

## Border

The CSS property to change the border of an element to Hex A24589 is called "border". The border property can be set on classes, ids or directly on the HTML element.

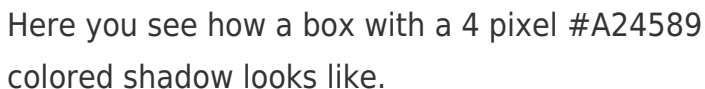
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A24589 }
```

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

```
.border{ border-color:#A24589 }
```

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



Here you see how a box with a 4 pixel #A24589 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A24589; -webkit-box-shadow:4px 4px  
4px 4px #A24589; box-shadow:4px 4px 4px  
4px #A24589 }
```

# Background

The CSS property to change the background color of an element to Hex A24589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A24589 }
```

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

```
.background{ background-color:#A24589 }
```

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