

# Converting Colors

Hex(A53489)

Have a look what the booklet for  
Hex(A53489) contains.

<b>Hex(A53489)</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(A53489)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A53489
RGB	165, 52, 137
RGB Percent	65%, 20%, 54%
CMY	0.3529, 0.7961, 0.4627
CMYK	0.00, 0.68, 0.17, 0.35
HSL	315°, 52%, 43%
HSV	315°, 68%, 65%
XYZ	21.2604, 12.2615, 24.9131
YIQ	95.4770, 40.0630, 50.3910

# Conversions

## Conversions Part 2

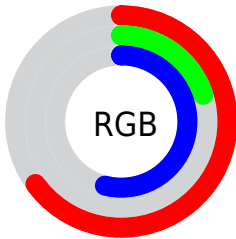
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 52, 137
Decimal	10826889
CIELab	41.63, 55.12, -22.97
CIELCh	42, 59.710, 337.379
Yxy	12.2615, 0.3638, 0.2098
Android (android.graphics.Color)	4289016969 (0xFFA53489)
YUV	95.4770, 20.4708, 60.9717
Hunter-Lab	35.0164, 47.0987, -17.6715

# Details

The Hex color **A53489** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **34A550**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **DF6BBF**, and **6D0057** is the 20% darker color. If you saturate the color by 10%, you get **A52485**, and if you desaturate by 10%, it is **A5458D**.

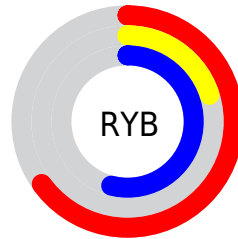
# Distribution



Red (65%)

Green (20%)

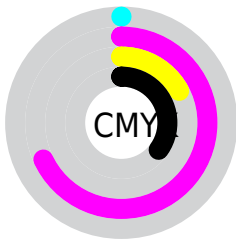
Blue (54%)



Red (65%)

Yellow (20%)

Blue (54%)

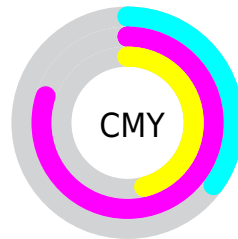


Cyan (0%)

Magenta (68%)

Yellow (17%)

Black (35%)



Cyan (35%)

Magenta (80%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A53489 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 A53489 by changing the saturation by 10% instead.



 A53489

 A53489

FFFFFF

 89136F

 DF6BBF

 6D0057

 FC87DB

 53003F

 FFA2F7

 3A0029

 FFBFFF

 1D0013

 FFDCFF

 000000

 FFF9FF

 A53489

 A53489

 A52485

 A5458D

 A51381

 A55591

 A5027D

 A56695

 A5007C

 A57699

 A5869D

 A597A2

 A5A7A6

 A5B8AA

 A5C8AE

# Harmonies

## Analogous

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



714FB1



A53489



B82758

# Triad

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



A53489



6C6400



00779D

# Complementary

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



A53489



34A550

# 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.



00786D



A53489



366F00

# Square

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



A53489



945100



00753A



0071BD

# Rectangle

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



A53489



B53138



00753A



00788E



# Sweetspot

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



A53489



D6A9CB



4E34A5



6B5064



EBEBEB



6B6B6B



# Same Dimension

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



A53489



D627AB



A53452



524950



91006D



12000D



# Inverse Universe

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



A53489



D627AB



34A587



524950



91006D



12000D



# Previews

## White Background



This preview shows how the Hex color A53489 looks on a white background.

## Color Contrast Check

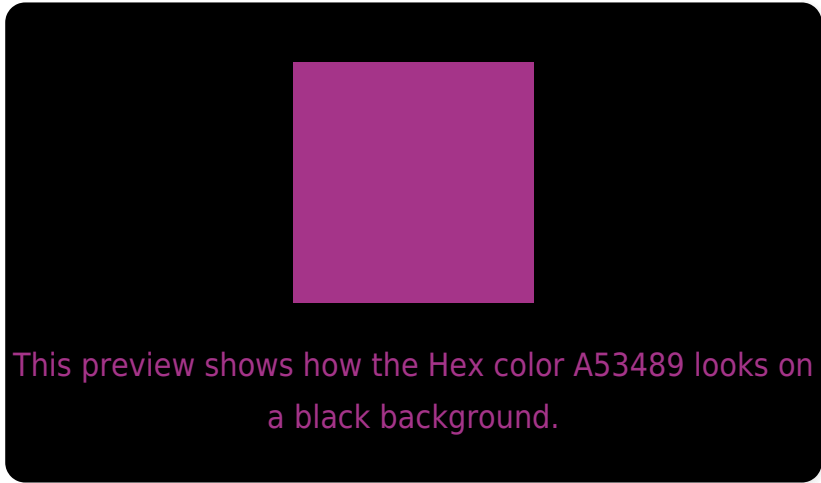
Large Text (above 18pt) WCAG AA ✓ Pass

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

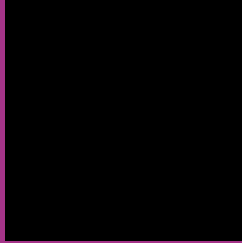
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A53489 Background



This preview shows how black text looks on a background with the Hex color A53489.

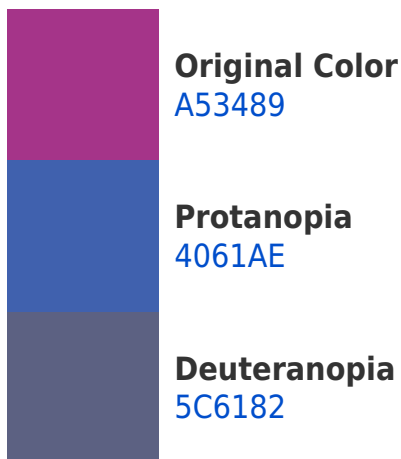


This preview shows how white text looks on a background with the Hex color A53489.

# 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**  
9F464B

# Trichromacy



**Original Color**  
A53489



**Protanomaly**  
6551A1



**Deuteranomaly**  
775185

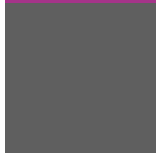


**Tritanomaly**  
A13F62

# Monochromacy



**Original Color**  
A53489



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
784F6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A53489 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 #A53489 looks like.

```
.text, #text, p{  
    color:#A53489  
}
```

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 #A53489 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A53489
}
```

## Border

The CSS property to change the border of an element to Hex A53489 is called "border". The border property can be set on classes, ids or directly on the HTML element.

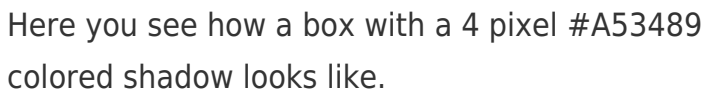
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A53489 }
```

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

```
.border{ border-color:#A53489 }
```

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



Here you see how a box with a 4 pixel #A53489 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A53489; -webkit-box-shadow:4px 4px  
4px 4px #A53489; box-shadow:4px 4px 4px  
4px #A53489 }
```

# Background

The CSS property to change the background color of an element to Hex A53489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A53489 }
```

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

```
.background{ background-color:#A53489 }
```

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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