

# Converting Colors

Hex(A53468)

Have a look what the booklet for  
Hex(A53468) contains.

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# Color

**Hex(A53468)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A53468
RGB	165, 52, 104
RGB Percent	65%, 20%, 41%
CMY	0.3529, 0.7961, 0.5922
CMYK	0.00, 0.68, 0.37, 0.35
HSL	332°, 52%, 43%
HSV	332°, 68%, 65%
XYZ	19.2437, 11.4548, 14.2934
YIQ	91.7150, 50.6560, 40.1280

# Conversions

## Conversions Part 2

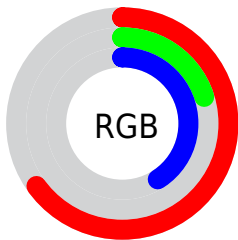
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 52, 104
Decimal	10826856
CIE <sub>Lab</sub>	40.34, 50.77, -4.51
CIE <sub>LCh</sub>	40, 50.971, 354.919
Yxy	11.4548, 0.4277, 0.2546
Android (android.graphics.Color)	4289016936 (0xFFA53468)
YUV	91.7150, 6.0565, 64.2709
Hunter-Lab	33.8449, 42.2639, -1.3480

# Details

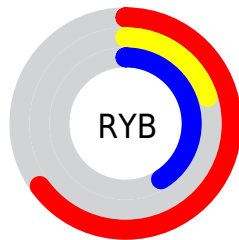
The Hex color **A53468** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **34A571**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **DF6A9B**, and **6D0039** is the 20% darker color. If you saturate the color by 10%, you get **A5245F**, and if you desaturate by 10%, it is **A54571**.

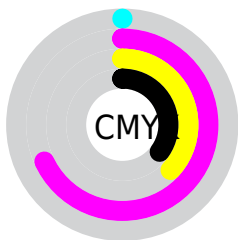
# Distribution



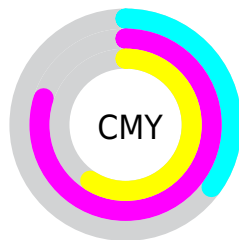
- Red (65%)
- Green (20%)
- Blue (41%)



- Red (65%)
- Yellow (20%)
- Blue (41%)



- Cyan (0%)
- Magenta (68%)
- Yellow (37%)
- Black (35%)



- Cyan (35%)
- Magenta (80%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A53468 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 A53468 by changing the saturation by 10% instead.



 A53468

 A53468

FFFFFF

 891450

 DF6A9B

 6D0039

 FD86B6

 510024

 FFA1D1

 39000E

 FFBDEE

 140000

 FFDAFF

 000000

 FFF7FF

 A53468

 A53468

 A5245F

 A54571

 A51356

 A5557A

 A5024D

 A56683

 A5004C

 A5768C

 A58695

 A5979D

 A5A7A6

 A5B8AF

 A5C8B8

# Harmonies

## Analogous

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



8A4390



A53468



A8383F

# Triad

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



A53468



516701



006FA3

# Complementary

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



A53468



34A571

# 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.



007281



A53468



0A6E2C

# Square

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



A53468



795B00



007256



0066B2

# Rectangle

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



A53468



9E4325



007256



007099



# Sweetspot

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



A53468



D6A9BE



7034A5



6B505D



EBEBEB



6B6B6B



# Same Dimension

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



A53468



D62777



A53834



52494D



910043



120008



# Inverse Universe

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



A53468



D62777



34A1A5



52494D



910043



120008



# Previews

## White Background



This preview shows how the Hex color A53468 looks on a white background.

## Color Contrast Check

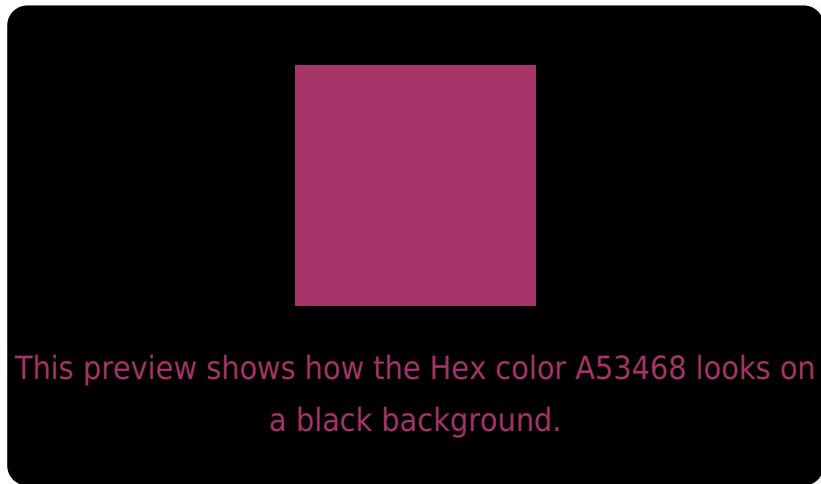
Large Text (above 18pt) WCAG AA ✓ Pass

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 A53468 Background



This preview shows how black text looks on a background with the Hex color A53468.



This preview shows how white text looks on a background with the Hex color A53468.

# 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**  
A53468

**Protanopia**  
555F84

**Deuteranopia**  
685D62



**Tritanopia**  
A23D41

# Trichromacy



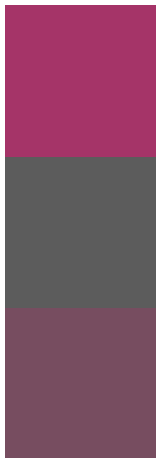
**Original Color**  
A53468

**Protanomaly**  
724F7A

**Deuteranomaly**  
7E4E64

**Tritanomaly**  
A33A4F

# Monochromacy



**Original Color**  
A53468

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
774D60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A53468 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 #A53468 looks like.

```
.text, #text, p{  
    color:#A53468  
}
```

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 #A53468 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A53468
}
```

## Border

The CSS property to change the border of an element to Hex A53468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

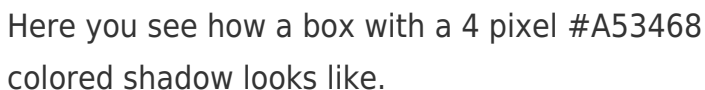
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A53468 }
```

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

```
.border{ border-color:#A53468 }
```

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



Here you see how a box with a 4 pixel `#A53468` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A53468; -webkit-box-shadow:4px 4px  
4px 4px #A53468; box-shadow:4px 4px 4px  
4px #A53468 }
```

# Background

The CSS property to change the background color of an element to Hex A53468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A53468 }
```

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

```
.background{ background-color:#A53468 }
```

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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