

# Converting Colors

Hex(A63045)

Have a look what the booklet for  
Hex(A63045) contains.

<b>Hex(A63045)</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(A63045)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A63045
RGB	166, 48, 69
RGB Percent	65%, 19%, 27%
CMY	0.3490, 0.8118, 0.7294
CMYK	0.00, 0.71, 0.58, 0.35
HSL	349°, 55%, 42%
HSV	349°, 71%, 65%
XYZ	17.8570, 10.6506, 6.7448
YIQ	85.6760, 63.5870, 31.5470

# Conversions

## Conversions Part 2

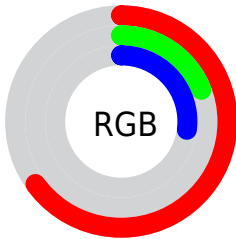
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 48, 69
Decimal	10891333
CIE <sub>Lab</sub>	38.99, 49.36, 15.67
CIE <sub>LCh</sub>	39, 51.790, 17.610
Yxy	10.6506, 0.5065, 0.3021
Android (android.graphics.Color)	4289081413 (0xFFA63045)
YUV	85.6760, -8.2213, 70.4441
Hunter-Lab	32.6352, 40.5583, 10.5910

# Details

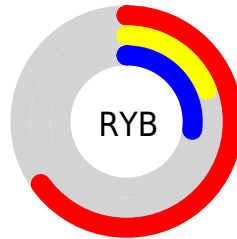
The Hex color **A63045** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **30A691**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **E26675**, and **6C001A** is the 20% darker color. If you saturate the color by 10%, you get **A61F37**, and if you desaturate by 10%, it is **A64153**.

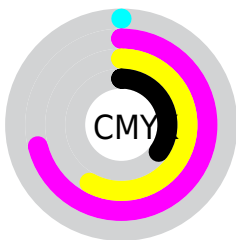
# Distribution



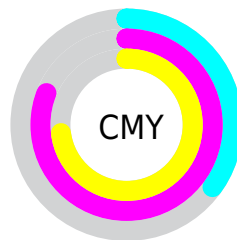
- Red (65%)
- Green (19%)
- Blue (27%)



- Red (65%)
- Yellow (19%)
- Blue (27%)



- Cyan (0%)
- Magenta (71%)
- Yellow (58%)
- Black (35%)



- Cyan (35%)
- Magenta (81%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A63045 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 A63045 by changing the saturation by 10% instead.



 A63045

 A63045

FFFFFF

 890F2F

 E26675

 6C001A

 FF818E

 500000

 FF9DA9

 360002

 FFB9C4

 050000

 FFD5E0

 000000

 FFF3FD

 A63045

 A63045

 A61F37

 A64153

 A60F2A

 A65160

 A6001E

 A6626E

 A6727C

 A68389

 A69497

 A6A4A5

 A6B5B2

 A6C5C0

# Harmonies

## Analogous

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



9E316F



A63045



99411E

# Triad

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



A63045



216A1D



0066AE

# Complementary

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



A63045



30A691

# 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.



006D99



A63045



006E48

# Square

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



A63045



586100



006F74



3158AD

# Rectangle

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



A63045



884E01



006F74



0069AA



# Sweetspot

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



A63045



D9ABB3



9030A6



6E5257



EDEDED



6E6E6E



# Same Dimension

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



A63045



D92141



A65530



544C4D



94001A



140004



# Inverse Universe

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



A63045



D92141



3081A6



544C4D



94001A



140004



# Previews

## White Background



This preview shows how the Hex color A63045 looks on a white background.

## Color Contrast Check

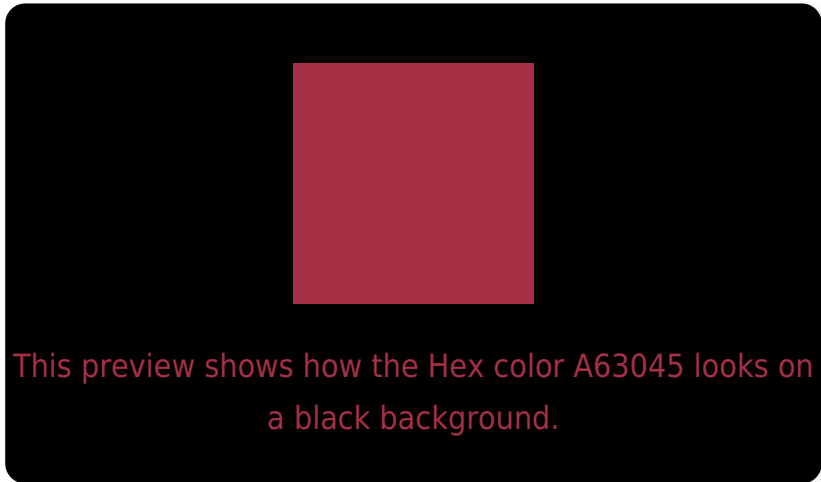
Large Text (above 18pt) WCAG AA ✓ Pass

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 A63045 Background



This preview shows how black text looks on a background with the Hex color A63045.



This preview shows how white text looks on a background with the Hex color A63045.

# 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**  
A63045

**Protanopia**  
5F5C5A

**Deuteranopia**  
6F593F



**Tritanopia**  
A53336

# Trichromacy



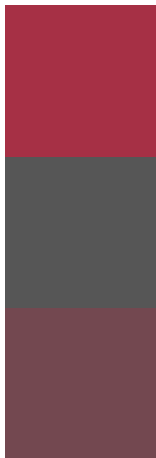
**Original Color**  
A63045

**Protanomaly**  
794C52

**Deuteranomaly**  
834A41

**Tritanomaly**  
A5323B

# Monochromacy



**Original Color**  
A63045

**Achromatopsia**  
565656

**Achromatomaly**  
734850

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A63045 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 #A63045 looks like.

```
.text, #text, p{  
    color:#A63045  
}
```

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 #A63045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A63045
}
```

## Border

The CSS property to change the border of an element to Hex A63045 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
#A63045 }
```

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

```
.border{ border-color:#A63045 }
```

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

Here you see how a box with a 4 pixel #A63045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A63045; -webkit-box-shadow:4px 4px  
4px 4px #A63045; box-shadow:4px 4px 4px  
4px #A63045 }
```

# Background

The CSS property to change the background color of an element to Hex A63045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A63045 }
```

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

```
.background{ background-color:#A63045 }
```

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