

# Converting Colors

Hex(A64D75)

Have a look what the booklet for  
Hex(A64D75) contains.

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# Color

**Hex(A64D75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A64D75
RGB	166, 77, 117
RGB Percent	65%, 30%, 46%
CMY	0.3490, 0.6980, 0.5412
CMYK	0.00, 0.54, 0.30, 0.35
HSL	333°, 37%, 48%
HSV	333°, 54%, 65%
XYZ	21.5906, 14.6991, 18.5289
YIQ	108.1710, 40.2040, 31.3080

# Conversions

## Conversions Part 2

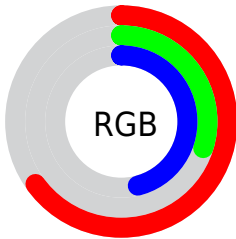
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 77, 117
Decimal	10898805
CIELab	45.22, 41.20, -5.28
CIELCh	45, 41.540, 352.697
Yxy	14.6991, 0.3939, 0.2681
Android (android.graphics.Color)	4289088885 (0xFFA64D75)
YUV	108.1710, 4.3527, 50.7160
Hunter-Lab	38.3394, 33.4274, -1.8164

# Details

The Hex color **A64D75** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4DA67E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **DF81A9**, and **6F1945** is the 20% darker color. If you saturate the color by 10%, you get **A63C6C**, and if you desaturate by 10%, it is **A65E7E**.

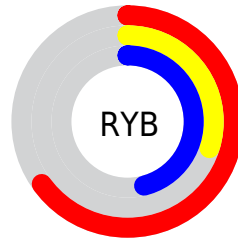
# Distribution



Red (65%)

Green (30%)

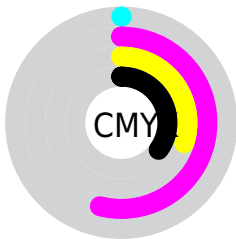
Blue (46%)



Red (65%)

Yellow (30%)

Blue (46%)

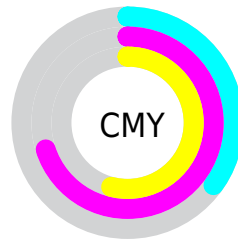


Cyan (0%)

Magenta (54%)

Yellow (30%)

Black (35%)



Cyan (35%)

Magenta (70%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A64D75 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 A64D75 by changing the saturation by 10% instead.



 A64D75

 A64D75

FFFFFF

 8A335C

 DF81A9

 6F1945

 FD9CC4

 55002F

 FFB8E0

 3B001A

 FFD4FD

 220001

 FFF1FF

 000000

 A64D75

 A64D75

 A63C6C

 A65E7E

 A62C63

 A66E87

 A61B5A

 A67F90

 A60B50

 A68F9A

 A6004B

 A6A0A3

 A6B1AC

 A6C1B5

 A6D2BE

 A6E2C7

# Harmonies

## Analogous

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



8D5795



A64D75



AB4E52

# Triad

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



A64D75



647127



0079A1

# Complementary

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



A64D75



4DA67E

# 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.



007C85



A64D75



3A783F

# Square

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



A64D75



856623



007C61



0071B0

# Rectangle

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



A64D75



A4553E



007C61



007A99



# Sweetspot

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



A64D75



D9B6C6



7E4DA6



6E5962



EDEDED



6E6E6E



# Same Dimension

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



A64D75



D94E8C



A6514D



544C50



940042



140009



# Inverse Universe

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



A64D75



D94E8C



4DA2A6



544C50



940042

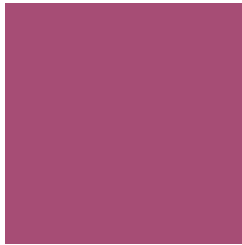


140009



# Previews

## White Background



This preview shows how the Hex color A64D75 looks on a white background.

## Color Contrast Check

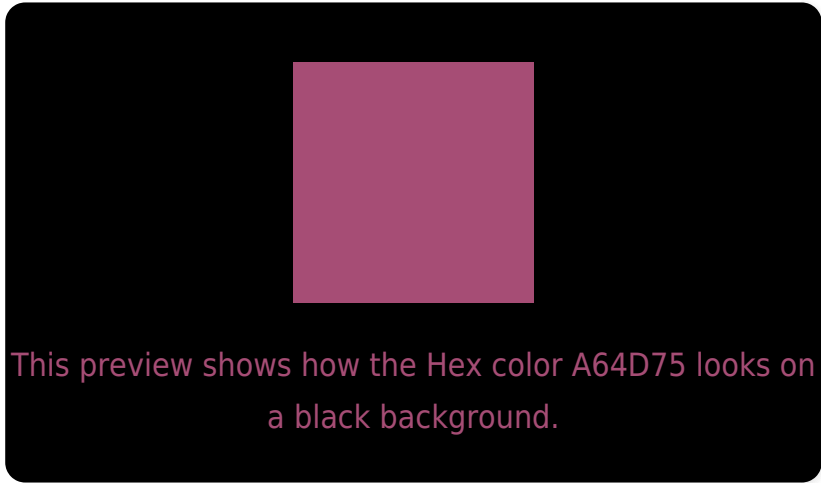
Large Text (above 18pt) WCAG AA ✓ Pass

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

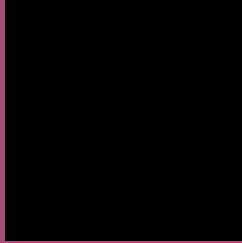
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A64D75 Background



This preview shows how black text looks on a background with the Hex color A64D75.



This preview shows how white text looks on a background with the Hex color A64D75.

# 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](#).

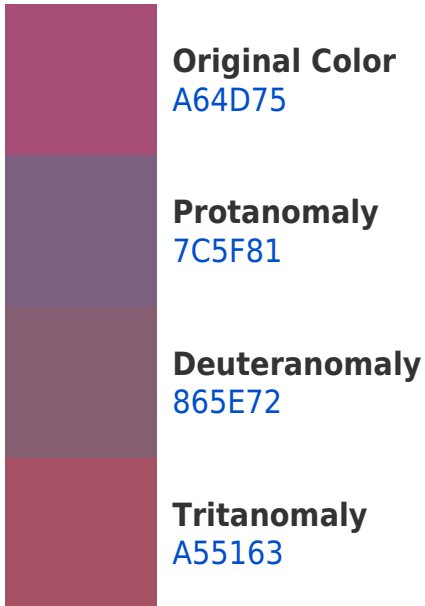
## Dichromacy





**Tritanopia**  
A45359

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A64D75 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 #A64D75 looks like.

```
.text, #text, p{  
    color:#A64D75  
}
```

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 #A64D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A64D75  
}
```

## Border

The CSS property to change the border of an element to Hex A64D75 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  
#A64D75 }
```

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

```
.border{ border-color:#A64D75 }
```

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

Here you see how a box with a 4 pixel #A64D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A64D75; -webkit-box-shadow:4px 4px  
4px 4px #A64D75; box-shadow:4px 4px 4px  
4px #A64D75 }
```

# Background

The CSS property to change the background color of an element to Hex A64D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A64D75 }
```

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

```
.background{ background-color:#A64D75 }
```

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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