

# Converting Colors

Hex(67344A)

Have a look what the booklet for  
Hex(67344A) contains.

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**Color**

**Hex(67344A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	67344A
RGB	103, 52, 74
RGB Percent	40%, 20%, 29%
CMY	0.5961, 0.7961, 0.7098
CMYK	0.00, 0.50, 0.28, 0.60
HSL	334°, 33%, 30%
HSV	334°, 50%, 40%
XYZ	8.0575, 5.8340, 7.1800
YIQ	69.7570, 23.3340, 17.6540

# Conversions

## Conversions Part 2

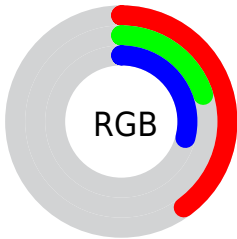
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 52, 74</a>
Decimal	<a href="#">6763594</a>
CIELab	<a href="#">28.99, 25.73, -3.23</a>
CIELCh	<a href="#">29, 25.928, 352.838</a>
Yxy	<a href="#">5.8340, 0.3824, 0.2769</a>
Android (android.graphics.Color)	<a href="#">4284953674</a> (0xFF67344A)
YUV	<a href="#">69.7570, 2.0918, 29.1541</a>
Hunter-Lab	<a href="#">24.1536, 17.2781, -0.7172</a>

# Details

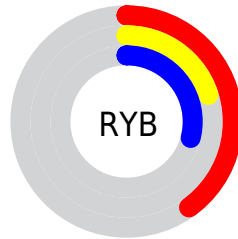
The Hex color **67344A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **346751**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9C647B**, and **36061E** is the 20% darker color. If you saturate the color by 10%, you get **672A44**, and if you desaturate by 10%, it is **673E50**.

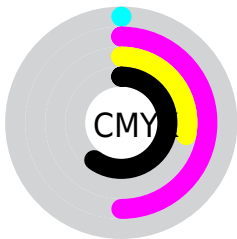
# Distribution



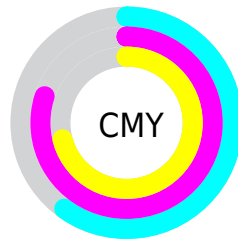
- Red (40%)
- Green (20%)
- Blue (29%)



- Red (40%)
- Yellow (20%)
- Blue (29%)



- Cyan (0%)
- Magenta (50%)
- Yellow (28%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67344A 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 67344A by changing the saturation by 10% instead.



67344A

67344A

FFFFFF

4E1D33

9C647B

36061E

B77E94

220005

D398AF

000000

F0B3CA

FFCEE6

FFEBFF

67344A

67344A

672A44

673E50

671F3E

674956

671538

67535C

670B33

675D61

67002D

676867

67002C

67726D

677C73

678679

67917F

# Harmonies

## Analogous

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



59395D



67344A



6A3536

# Triad

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



67344A



41481E



004C64

# Complementary

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



67344A



346751

# 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.



004E53



67344A



294C2B

# Square

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



67344A



54421C



004E3F



13486C

# Rectangle

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



67344A



66382A



004E3F



004D5F



# Sweetspot

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



67344A



87737C



513467



45383E



C4C4C4



454545



# Same Dimension

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



67344A



87375A



673734



332E30



730032



F20069



# Inverse Universe

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



67344A



87375A



346467



332E30



730032

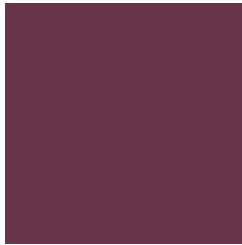


F20069



# Previews

## White Background



This preview shows how the Hex color 67344A looks on a white background.

## Color Contrast Check

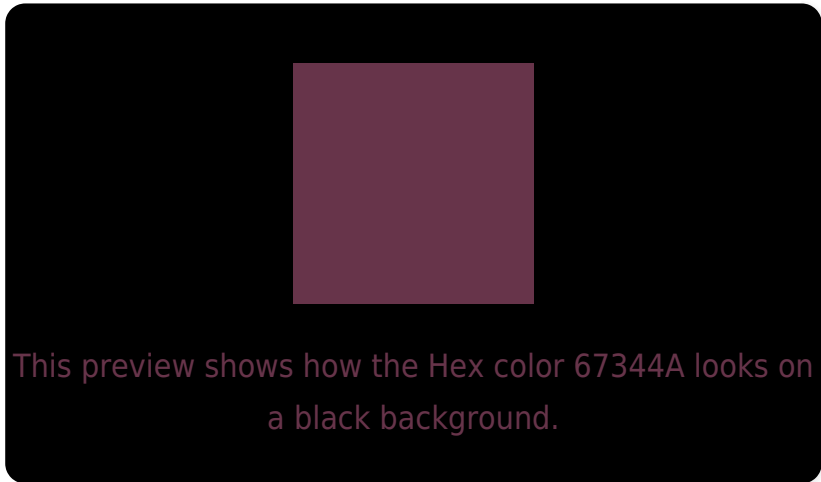
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

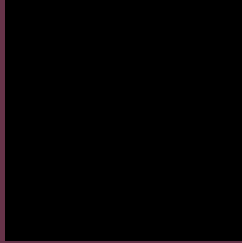
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 67344A Background



This preview shows how black text looks on a background with the Hex color 67344A.



This preview shows how white text looks on a background with the Hex color 67344A.

# 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**  
67344A

**Protanopia**  
414454

**Deuteranopia**  
4A4348



**Tritanopia**  
66373B

# Trichromacy



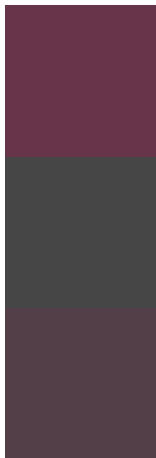
**Original Color**  
67344A

**Protanomaly**  
4F3E50

**Deuteranomaly**  
553E49

**Tritanomaly**  
663640

# Monochromacy



**Original Color**  
67344A

**Achromatopsia**  
464646

**Achromatomaly**  
523F47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67344A 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 #67344A looks like.

```
.text, #text, p{  
    color:#67344A  
}
```

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 #67344A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67344A
}
```

## Border

The CSS property to change the border of an element to Hex 67344A 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
#67344A }
```

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

```
.border{ border-color:#67344A }
```

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

Here you see how a box with a 4 pixel #67344A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67344A; -webkit-box-shadow:4px 4px  
4px 4px #67344A; box-shadow:4px 4px 4px  
4px #67344A }
```

# Background

The CSS property to change the background color of an element to Hex 67344A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67344A }
```

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

```
.background{ background-color:#67344A }
```

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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