

# Converting Colors

Hex(47364E)

Have a look what the booklet for  
Hex(47364E) contains.

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# Color

**Hex(47364E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47364E
RGB	71, 54, 78
RGB Percent	28%, 21%, 31%
CMY	0.7216, 0.7882, 0.6941
CMYK	0.09, 0.31, 0.00, 0.69
HSL	282°, 18%, 26%
HSV	282°, 31%, 31%
XYZ	5.2928, 4.5280, 7.8028
YIQ	61.8190, 2.4280, 11.0680

# Conversions

## Conversions Part 2

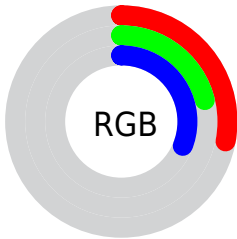
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 54, 78
Decimal	4666958
CIE Lab	25.35, 12.72, -11.79
CIE LCh	25, 17.344, 317.185
Yxy	4.5280, 0.3003, 0.2569
Android (android.graphics.Color)	4282857038 (0xFF47364E)
YUV	61.8190, 7.9772, 8.0517
Hunter-Lab	21.2791, 7.1608, -6.8455

# Details

The Hex color **47364E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D4E36**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **78657F**, and **1C0B22** is the 20% darker color. If you saturate the color by 10%, you get **452E4E**, and if you desaturate by 10%, it is **493E4E**.

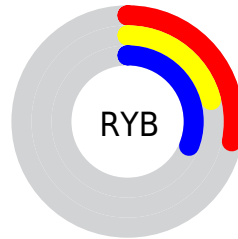
# Distribution



 Red (28%)

 Green (21%)

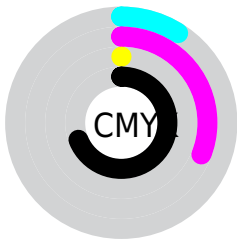
 Blue (31%)



 Red (28%)

 Yellow (21%)

 Blue (31%)

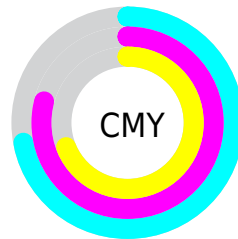


 Cyan (9%)

 Magenta (31%)

 Yellow (0%)

 Black (69%)



 Cyan (72%)

 Magenta (79%)

 Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47364E 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 47364E by changing the saturation by 10% instead.





47364E



47364E

FFFFFF



302037



78657F



1C0B22



927E99



000009



AC98B4



000000



C8B3CF



E4CEEC



FFFAFF



47364E



47364E



452E4E



493E4E

■ 42264E

■ 4C464E

■ 401F4E

■ 4E4D4E

■ 3E174E

■ 50554E

■ 3C0F4E

■ 525D4E

■ 39074E

■ 55654E

■ 37004E

■ 576D4E

■ 59744E

■ 5B7C4E

# Harmonies

## Analogous

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



353B55



47364E



523342

# Triad

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



47364E



4A3923



0D4343

# Complementary

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



47364E



3D4E36

# 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.



1E4336



47364E



3D3E23

# Square

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



47364E



533529



2E412A



0C424F

# Rectangle

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



47364E



553239



2E412A



13433F



# Sweetspot

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



47364E



635D66



363D4E



312D33



B3B3B3



333333



# Same Dimension

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



47364E



5B4066



4E3649



252226



480066



A300E6



# Inverse Universe

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



4E363D



66404B



364E3B



262224



66001E



E60043



# Previews

## White Background



This preview shows how the Hex color 47364E looks on a white background.

## Color Contrast Check

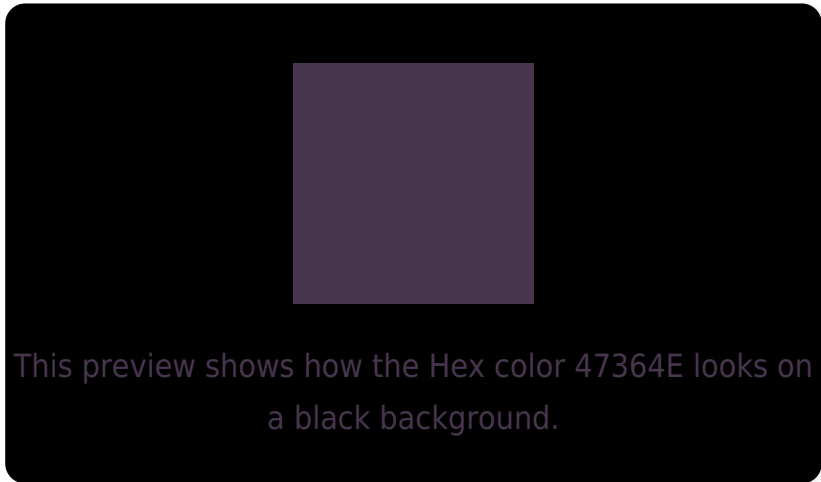
Large Text (above 18pt) WCAG AA ✓ Pass

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

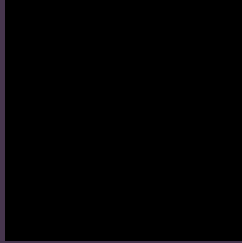
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 47364E Background



This preview shows how black text looks on a background with the Hex color 47364E.

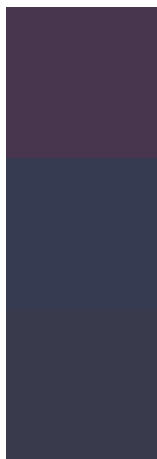


This preview shows how white text looks on a background with the Hex color 47364E.

# 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](#).

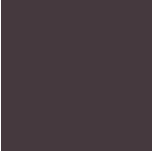
## Dichromacy



**Original Color**  
47364E

**Protanopia**  
363B52

**Deuteranopia**  
393B4D



**Tritanopia**  
45393E

# Trichromacy



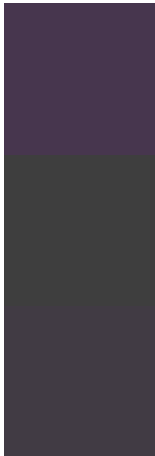
**Original Color**  
47364E

**Protanomaly**  
3C3951

**Deuteranomaly**  
3E394D

**Tritanomaly**  
463844

# Monochromacy



**Original Color**  
47364E

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
413B44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47364E 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 #47364E looks like.

```
.text, #text, p{  
    color:#47364E  
}
```

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 #47364E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47364E
}
```

## Border

The CSS property to change the border of an element to Hex 47364E is called "border". The border property can be set on classes, ids or directly on the HTML element.

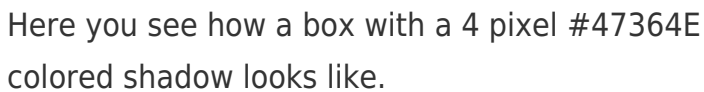
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47364E }
```

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

```
.border{ border-color:#47364E }
```

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



Here you see how a box with a 4 pixel #47364E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47364E; -webkit-box-shadow:4px 4px  
4px 4px #47364E; box-shadow:4px 4px 4px  
4px #47364E }
```

# Background

The CSS property to change the background color of an element to Hex 47364E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47364E }
```

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

```
.background{ background-color:#47364E }
```

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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