

# Converting Colors

Hex(464366)

Have a look what the booklet for  
Hex(464366) contains.

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# Color

**Hex(464366)**

# Conversions

## Conversions Part 1

Format	Color
Hex	464366
RGB	70, 67, 102
RGB Percent	27%, 26%, 40%
CMY	0.7255, 0.7373, 0.6000
CMYK	0.31, 0.34, 0.00, 0.60
HSL	245°, 21%, 33%
HSV	245°, 34%, 40%
XYZ	6.9312, 6.2757, 13.4164
YIQ	71.8870, -9.4470, 11.5210

# Conversions

## Conversions Part 2

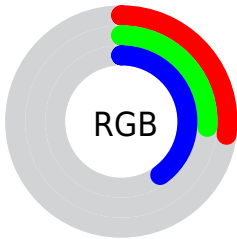
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 67, 102
Decimal	4604774
CIE <sub>Lab</sub>	30.10, 10.20, -20.04
CIE <sub>LCh</sub>	30, 22.489, 296.965
Yxy	6.2757, 0.2603, 0.2357
Android (android.graphics.Color)	4282794854 (0xFF464366)
<b>YUV</b>	71.8870, 14.8457, -1.6549
Hunter-Lab	25.0514, 5.5475, -14.2171

# Details

The Hex color **464366** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **636643**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **777399**, and **181837** is the 20% darker color. If you saturate the color by 10%, you get **3D3966**, and if you desaturate by 10%, it is **4F4D66**.

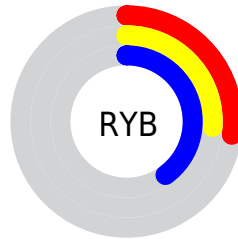
# Distribution



Red (27%)

Green (26%)

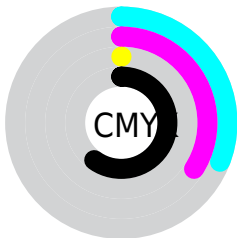
Blue (40%)



Red (27%)

Yellow (26%)

Blue (40%)

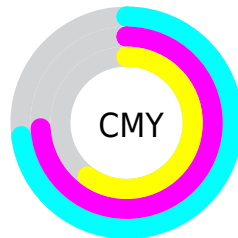


Cyan (31%)

Magenta (34%)

Yellow (0%)

Black (60%)



Cyan (73%)

Magenta (74%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 464366 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 464366 by changing the saturation by 10% instead.



■ 464366

■ 464366

FFFFFF

■ 2F2D4E

■ 777399

■ 181837

■ 918CB4

■ 030022

■ ACA7D0

■ 000007

■ C8C2EC

■ 000000

■ E4DEFF

■ FFFAFF

■ 464366

■ 464366

■ 3D3966

■ 4F4D66

■ 332F66

■ 595766

■ 2A2466

■ 626266

■ 211A66

■ 6B6C66

■ 171066

■ 757666

■ 0E0666

■ 7E8066

■ 090066

■ 878A66

■ 919566

■ 9A9F66

# Harmonies

## Analogous

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



28496A



464366



5B3D5A

# Triad

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



464366



613F2A



125044

# Complementary

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



464366



636643

# 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.



2D4E33



464366



544524

# Square

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



464366



683A38



424B27



005056

# Rectangle

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



464366



643A4F



424B27



1C503E



# Sweetspot

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



464366



787785



436366



3B3A42



C2C2C2



424242



# Same Dimension

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



464366



534E85



574366



2E2E33



0A0073



1500F2



# Inverse Universe

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



664363



854E80



526643



332E33



730069



F200DD



# Previews

## White Background



This preview shows how the Hex color 464366 looks on a white background.

## Color Contrast Check

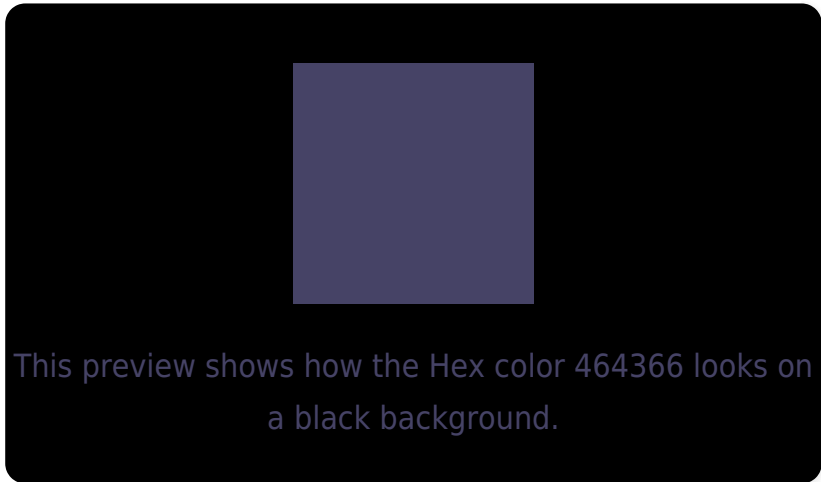
Large Text (above 18pt) WCAG AA ✓ Pass

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

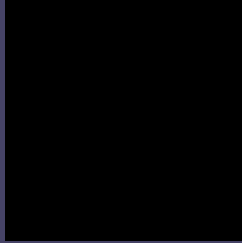
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 464366 Background



This preview shows how black text looks on a background with the Hex color 464366.



This preview shows how white text looks on a background with the Hex color 464366.

# 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**  
464366

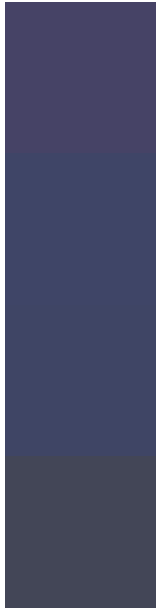
**Protanopia**  
3B4668

**Deuteranopia**  
3B4665



**Tritanopia**  
41484E

# Trichromacy



**Original Color**  
464366

**Protanomaly**  
3F4567

**Deuteranomaly**  
3F4565

**Tritanomaly**  
434657

# Monochromacy



**Original Color**  
464366

**Achromatopsia**  
484848

**Achromatomaly**  
474653

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 464366 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 #464366 looks like.

```
.text, #text, p{  
    color:#464366  
}
```

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 #464366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464366  
}
```

## Border

The CSS property to change the border of an element to Hex 464366 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".

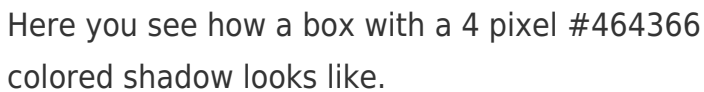
```
.border, #border, table{ border:4px solid  
#464366 }
```

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

```
.border{ border-color:#464366 }
```

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

Here you see how a box with a 4 pixel #464366 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464366; -webkit-box-shadow:4px 4px  
4px 4px #464366; box-shadow:4px 4px 4px  
4px #464366 }
```

# Background

The CSS property to change the background color of an element to Hex 464366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464366 }
```

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

```
.background{ background-color:#464366 }
```

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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