

Converting Colors

Hex(48356E)

Have a look what the booklet for
Hex(48356E) contains.

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Color

Hex(48356E)

Conversions

Conversions Part 1

Format	Color
Hex	48356E
RGB	72, 53, 110
RGB Percent	28%, 21%, 43%
CMY	0.7176, 0.7922, 0.5686
CMYK	0.35, 0.52, 0.00, 0.57
HSL	260°, 35%, 32%
HSV	260°, 52%, 43%
XYZ	6.7601, 5.0497, 15.3702
YIQ	65.1790, -6.9730, 21.7550

Conversions

Conversions Part 2

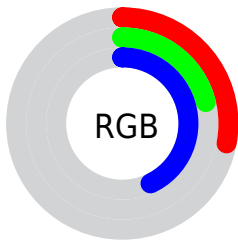
Format	Color
R_{YB}	72, 53, 110
Decimal	4732270
CIE _{Lab}	26.88, 22.35, -30.21
CIE _{LCh}	27, 37.581, 306.493
Yxy	5.0497, 0.2487, 0.1858
Android (android.graphics.Color)	4282922350 (0xFF48356E)
YUV	65.1790, 22.0968, 5.9820
Hunter-Lab	22.4716, 14.3724, -24.8235

Details

The Hex color **48356E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5B6E35**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7B64A2**, and **180A3E** is the 20% darker color. If you saturate the color by 10%, you get **412A6E**, and if you desaturate by 10%, it is **4F406E**.

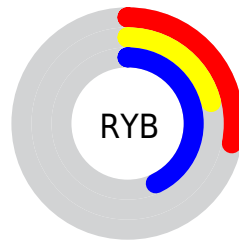
Distribution



Red (28%)

Green (21%)

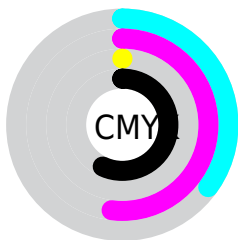
Blue (43%)



Red (28%)

Yellow (21%)

Blue (43%)

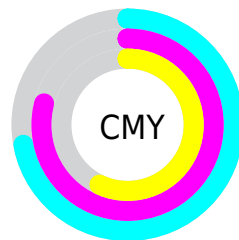


Cyan (35%)

Magenta (52%)

Yellow (0%)

Black (57%)



Cyan (72%)

Magenta (79%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48356E 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 48356E by changing the saturation by 10% instead.

■ 48356E

■ 48356E

FFFFFF

■ 301F55

■ 7B64A2

■ 180A3E

■ 957DBD

■ 000028

■ B097D9

■ 000111

■ CCB2F6

■ 000000

■ E8CEFF

■ FFEAFF

■ 48356E

■ 48356E

■ 412A6E

■ 4F406E

■ 391F6E

■ 574B6E

■ 32146E

■ 5E566E

■ 2B096E

■ 65616E

■ 25006E

■ 6D6C6E

■ 74776E

■ 7B826E

■ 838D6E

■ 8A986E

Harmonies

Analogous

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



004179



48356E



672857

Triad

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



48356E



5F3606



004D45

Complementary

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



48356E



5B6E35

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.



004B27



48356E



484000

Square

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



48356E



6F291F



29470C



004C61

Rectangle

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



48356E



702244



29470C



004D3B

Sweetspot

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



48356E



80788F



355B6E



3E3A47



C7C7C7



474747

Same Dimension

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



48356E



54368F



65356E



343238



280078



5200F7

Inverse Universe

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



6E355B



8F3671



3F6E35



383236



780050



F700A5

Previews

White Background



This preview shows how the Hex color 48356E looks on a white background.

Color Contrast Check

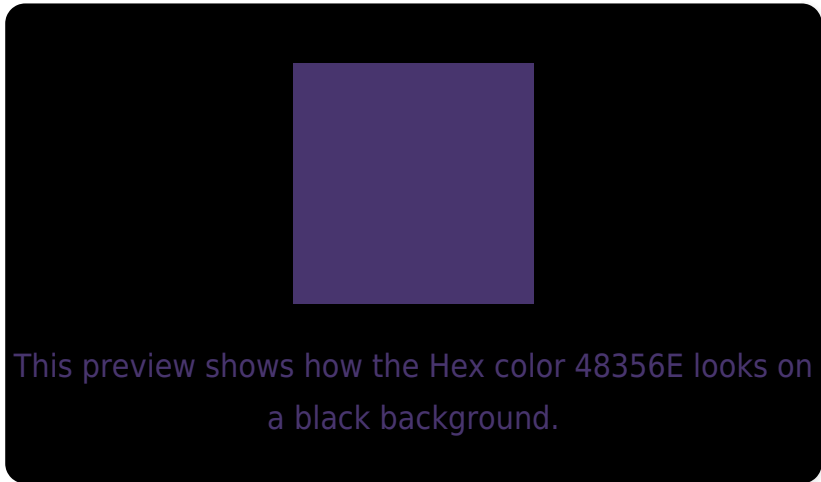
Large Text (above 18pt) WCAG AA ✓ Pass

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

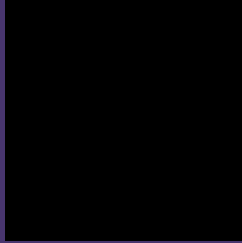
Any Text WCAG AA × Fail

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 48356E Background



This preview shows how black text looks on a background with the Hex color 48356E.



This preview shows how white text looks on a background with the Hex color 48356E.

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
48356E

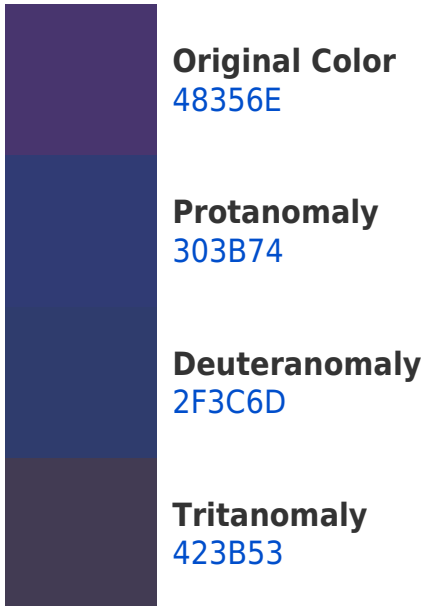
Protanopia
223E77

Deuteranopia
21406C

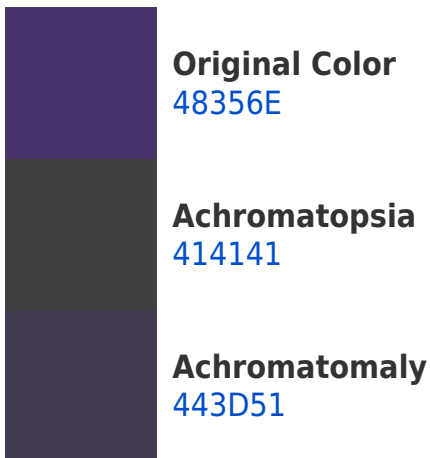


Tritanopia
3F3F44

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48356E 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 #48356E looks like.

```
.text, #text, p{  
    color:#48356E  
}
```

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 #48356E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48356E
}
```

Border

The CSS property to change the border of an element to Hex 48356E is called "border". The border property can be set on classes, ids or directly on the HTML element.

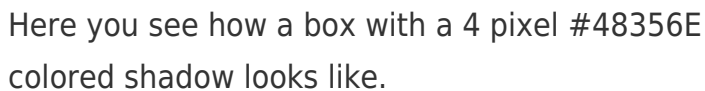
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48356E }
```

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

```
.border{ border-color:#48356E }
```

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



Here you see how a box with a 4 pixel #48356E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48356E; -webkit-box-shadow:4px 4px  
4px 4px #48356E; box-shadow:4px 4px 4px  
4px #48356E }
```

Background

The CSS property to change the background color of an element to Hex 48356E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48356E }
```

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

```
.background{ background-color:#48356E }
```

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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