

Converting Colors

Hex(48467D)

Have a look what the booklet for
Hex(48467D) contains.

Hex(48467D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(48467D)

Conversions

Conversions Part 1

Format	Color
Hex	48467D
RGB	72, 70, 125
RGB Percent	28%, 27%, 49%
CMY	0.7176, 0.7255, 0.5098
CMYK	0.42, 0.44, 0.00, 0.51
HSL	242°, 28%, 38%
HSV	242°, 44%, 49%
XYZ	8.5643, 7.2387, 20.3479
YIQ	76.8680, -16.4630, 17.5290

Conversions

Conversions Part 2

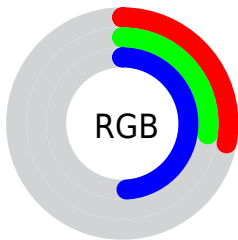
Format	Color
R_{YB}	72, 70, 125
Decimal	4736637
CIE _{Lab}	32.34, 15.78, -30.99
CIE _{LCh}	32, 34.778, 296.980
Yxy	7.2387, 0.2369, 0.2002
Android (android.graphics.Color)	4282926717 (0xFF48467D)
YUV	76.8680, 23.7291, -4.2692
Hunter-Lab	26.9048, 9.7364, -26.0070

Details

The Hex color **48467D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7B7D46**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7B76B2**, and **151B4C** is the 20% darker color. If you saturate the color by 10%, you get **3C3A7D**, and if you desaturate by 10%, it is **54537D**.

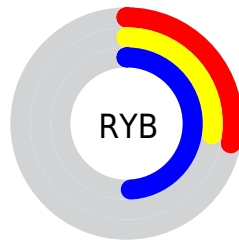
Distribution



Red (28%)

Green (27%)

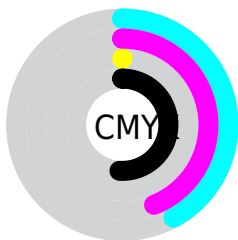
Blue (49%)



Red (28%)

Yellow (27%)

Blue (49%)

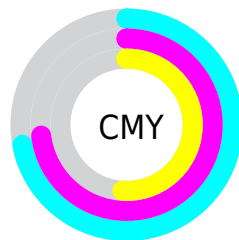


Cyan (42%)

Magenta (44%)

Yellow (0%)

Black (51%)



Cyan (72%)

Magenta (73%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48467D 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 48467D by changing the saturation by 10% instead.

■ 48467D

■ 48467D

FFFFFF

■ 2F3064

■ 7B76B2

■ 151B4C

■ 9690CE

■ 000035

■ B1AAEA

■ 00021F

■ CDC6FF

■ 000001

■ EAE2FF

■ 000000

FFFEFF

■ 48467D

■ 48467D

■ 3C3A7D

■ 54537D

■ 302D7D

■ 605F7D

■ 24217D

■ 6C6C7D

■ 18147D

■ 78787D

■ 0C087D

■ 84857D

■ 05007D

■ 90917D

■ 9C9E7D

■ A8AA7D

■ B4B67D

Harmonies

Analogous

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



005083



48467D



6B3B6A

Triad

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



48467D



723F1E



005948

Complementary

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



48467D



7B7D46

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.



1D572D



48467D



5D4A11

Square

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



48467D



7D3635



425218



005964

Rectangle

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



48467D



783559



425218



00593F

Sweetspot

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



48467D



8F8EA3



467B7D



454552



D1D1D1



525252

Same Dimension

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



48467D



504DA3



63467D



3A3940



050080



000000

Inverse Universe

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



7D467B



A34DA0



607D46



403940



80007B



000000

Previews

White Background



This preview shows how the Hex color 48467D looks on a white background.

Color Contrast Check

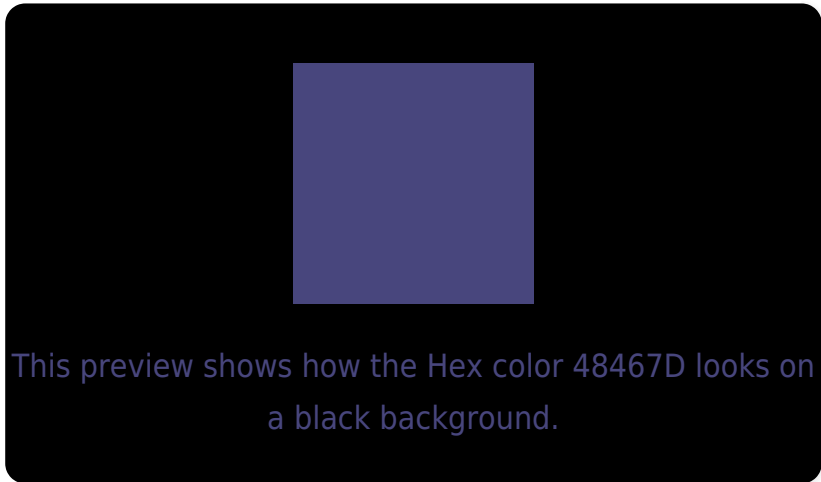
Large Text (above 18pt) WCAG AA ✓ Pass

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

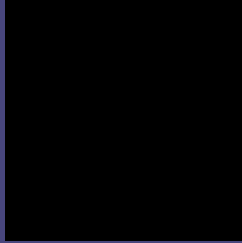
Any Text WCAG AA × Fail

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 48467D Background



This preview shows how black text looks on a background with the Hex color 48467D.



This preview shows how white text looks on a background with the Hex color 48467D.

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
48467D

Protanopia
354A81

Deuteranopia
2F4C7C



Tritanopia
3E4F55

Trichromacy



Original Color
48467D

Protanomaly
3C4980

Deuteranomaly
384A7C

Tritanomaly
424C64

Monochromacy



Original Color
48467D

Achromatopsia
4D4D4D

Achromatomaly
4B4A5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 48467D 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 #48467D looks like.

```
.text, #text, p{  
    color:#48467D  
}
```

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 #48467D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48467D
}
```

Border

The CSS property to change the border of an element to Hex 48467D 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
#48467D }
```

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

```
.border{ border-color:#48467D }
```

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

Here you see how a box with a 4 pixel #48467D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48467D; -webkit-box-shadow:4px 4px  
4px 4px #48467D; box-shadow:4px 4px 4px  
4px #48467D }
```

Background

The CSS property to change the background color of an element to Hex 48467D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48467D }
```

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

```
.background{ background-color:#48467D }
```

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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