

# Converting Colors

Hex(54486F)

Have a look what the booklet for  
Hex(54486F) contains.

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# Color

**Hex(54486F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54486F
RGB	84, 72, 111
RGB Percent	33%, 28%, 44%
CMY	0.6706, 0.7176, 0.5647
CMYK	0.24, 0.35, 0.00, 0.56
HSL	258°, 21%, 36%
HSV	258°, 35%, 44%
XYZ	8.8428, 7.6672, 16.0528
YIQ	80.0340, -5.3670, 14.6730

# Conversions

## Conversions Part 2

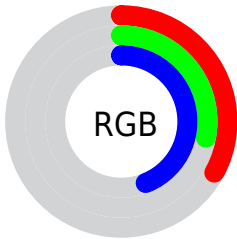
Format	Color
<b>R<sub>YB</sub></b>	84, 72, 111
Decimal	5523567
CIE <sub>Lab</sub>	33.28, 14.15, -20.69
CIE <sub>LCh</sub>	33, 25.065, 304.364
Yxy	7.6672, 0.2716, 0.2355
Android (android.graphics.Color)	4283713647 (0xFF54486F)
YUV	80.0340, 15.2662, 3.4782
Hunter-Lab	27.6898, 8.5470, -14.9897

# Details

The Hex color **54486F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **636F48**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8679A3**, and **261C3F** is the 20% darker color. If you saturate the color by 10%, you get **4C3D6F**, and if you desaturate by 10%, it is **5C536F**.

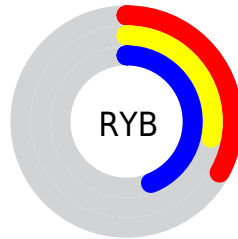
# Distribution



Red (33%)

Green (28%)

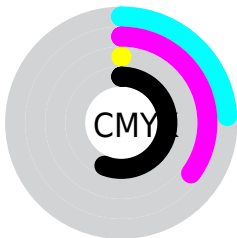
Blue (44%)



Red (33%)

Yellow (28%)

Blue (44%)

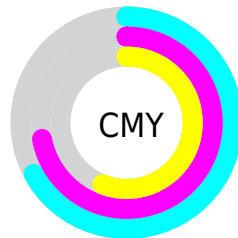


Cyan (24%)

Magenta (35%)

Yellow (0%)

Black (56%)



Cyan (67%)

Magenta (72%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54486F 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 54486F by changing the saturation by 10% instead.





54486F



54486F

FFFFFF



3C3156



8679A3



261C3F



A192BE



120329



BCADDA



000113



D8C8F6



000000



F4E4FF



54486F



54486F



4C3D6F



5C536F



45326F



635E6F

■ 3D276F

■ 6B696F

■ 351C6F

■ 73746F

■ 2E116F

■ 7A806F

■ 26056F

■ 828B6F

■ 22006F

■ 8A966F

■ 91A16F

■ 99AC6F

# Harmonies

## Analogous

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



344F76



54486F



694160

# Triad

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



54486F



69472B



005951

# Complementary

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



54486F



636F48

# 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.



2A573C



54486F



584E26

# Square

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



54486F



734139



43542D



005864

# Rectangle

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



54486F



713F53



43542D



13584A



# Sweetspot

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



54486F



868191



48636F



43404A



C9C9C9



4A4A4A



# Same Dimension

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



54486F



675491



67486F



343238



250078



4C00F7



# Inverse Universe

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



6F4863



91547F



506F48



383236



780053



F700AB



# Previews

## White Background



This preview shows how the Hex color 54486F looks on a white background.

## Color Contrast Check

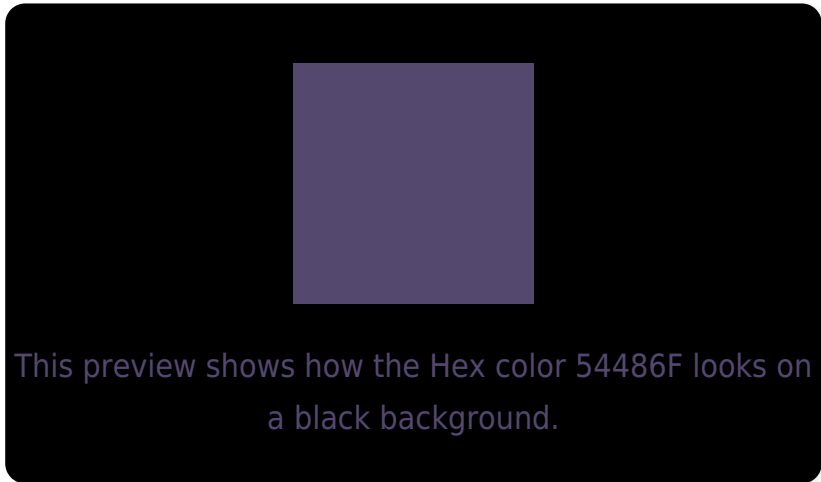
Large Text (above 18pt) WCAG AA ✓ Pass

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

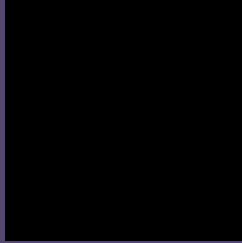
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 54486F Background



This preview shows how black text looks on a background with the Hex color 54486F.

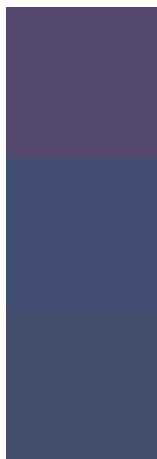


This preview shows how white text looks on a background with the Hex color 54486F.

# 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**  
54486F

**Protanopia**  
424D73

**Deuteranopia**  
434D6E



**Tritanopia**  
4F4E54

# Trichromacy



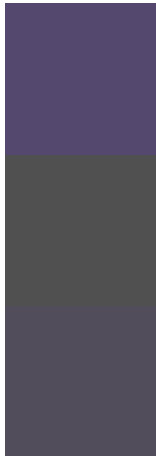
**Original Color**  
54486F

**Protanomaly**  
494B72

**Deuteranomaly**  
494B6E

**Tritanomaly**  
514C5E

# Monochromacy



**Original Color**  
54486F

**Achromatopsia**  
505050

**Achromatomaly**  
514D5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54486F 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 #54486F looks like.

```
.text, #text, p{  
    color:#54486F  
}
```

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 #54486F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54486F  
}
```

## Border

The CSS property to change the border of an element to Hex 54486F is called "border". The border property can be set on classes, ids or directly on the HTML element.

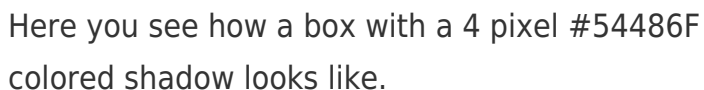
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#54486F }
```

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

```
.border{ border-color:#54486F }
```

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



Here you see how a box with a 4 pixel #54486F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54486F; -webkit-box-shadow:4px 4px  
4px 4px #54486F; box-shadow:4px 4px 4px  
4px #54486F }
```

# Background

The CSS property to change the background color of an element to Hex 54486F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54486F }
```

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

```
.background{ background-color:#54486F }
```

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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