

# Converting Colors

Hex(53445F)

Have a look what the booklet for  
Hex(53445F) contains.

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# Color

Hex(53445F)

# Conversions

## Conversions Part 1

Format	Color
Hex	53445F
RGB	83, 68, 95
RGB Percent	33%, 27%, 37%
CMY	0.6745, 0.7333, 0.6275
CMYK	0.13, 0.28, 0.00, 0.63
HSL	273°, 17%, 32%
HSV	273°, 28%, 37%
XYZ	7.7000, 6.7995, 11.7331
YIQ	75.5630, 0.2730, 11.5770

# Conversions

## Conversions Part 2

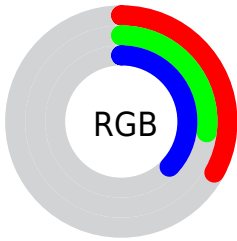
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 68, 95
Decimal	5456991
CIE <sub>Lab</sub>	31.35, 12.27, -13.54
CIE <sub>LCh</sub>	31, 18.275, 312.181
Yxy	6.7995, 0.2935, 0.2592
Android (android.graphics.Color)	4283647071 (0xFF53445F)
YUV	75.5630, 9.5824, 6.5222
Hunter-Lab	26.0758, 7.0769, -8.4251

# Details

The Hex color **53445F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **505F44**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **857492**, and **261931** is the 20% darker color. If you saturate the color by 10%, you get **4F3A5F**, and if you desaturate by 10%, it is **574E5F**.

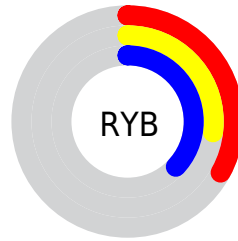
# Distribution



Red (33%)

Green (27%)

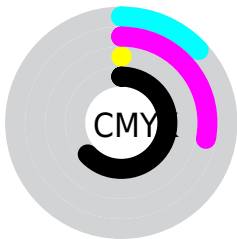
Blue (37%)



Red (33%)

Yellow (27%)

Blue (37%)

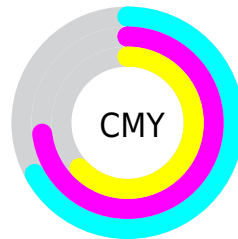


Cyan (13%)

Magenta (28%)

Yellow (0%)

Black (63%)



Cyan (67%)

Magenta (73%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53445F 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 53445F by changing the saturation by 10% instead.



■ 53445F

■ 53445F

FFFFFF

■ 3C2E47

■ 857492

■ 261931

■ 9F8EAC

■ 13001C

■ BAA8C7

■ 000000

■ D6C4E4

■ F2DFFF

■ FFFCFF

■ 53445F

■ 53445F

■ 4F3A5F

■ 574E5F

■ 4B315F

■ 5B575F

■ 46275F

■ 60615F

■ 421E5F

■ 646A5F

■ 3E145F

■ 68745F

■ 3A0B5F

■ 6C7D5F

■ 35015F

■ 71875F

■ 35005F

■ 75905F

■ 799A5F

# Harmonies

## Analogous

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



3F4966



53445F



604053

# Triad

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



53445F



5B462F



1D524F

# Complementary

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



53445F



505F44

# 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.



2D5141



53445F



4E4B2E

# Square

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



53445F



644137



3E4F34



19515C

# Rectangle

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



53445F



653F49



3E4F34



22524A



# Sweetspot

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



53445F



766F7A



44505F



3A363D



BDBDBD



3D3D3D



# Same Dimension

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



53445F



68517A



5F445E



2E2C30



3E0070



8500F0



# Inverse Universe

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



5F4450



7A5163



445F45



302C2E



700032



F0006B



# Previews

## White Background



This preview shows how the Hex color 53445F looks on a white background.

## Color Contrast Check

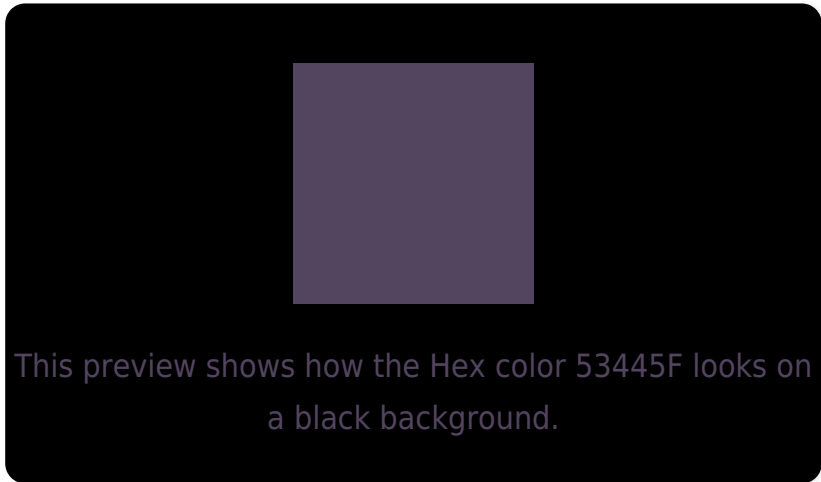
Large Text (above 18pt) WCAG AA ✓ Pass

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

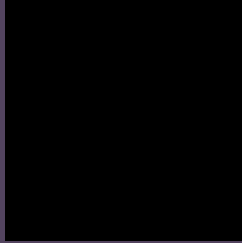
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 53445F Background



This preview shows how black text looks on a background with the Hex color 53445F.

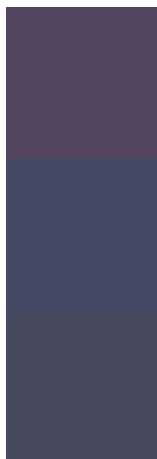


This preview shows how white text looks on a background with the Hex color 53445F.

# 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**  
53445F

**Protanopia**  
434963

**Deuteranopia**  
46495E



**Tritanopia**  
50474D

# Trichromacy



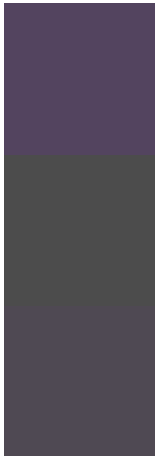
**Original Color**  
53445F

**Protanomaly**  
494762

**Deuteranomaly**  
4B475E

**Tritanomaly**  
514654

# Monochromacy



**Original Color**  
53445F

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
4F4953

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53445F 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 #53445F looks like.

```
.text, #text, p{  
    color:#53445F  
}
```

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 #53445F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53445F
}
```

## Border

The CSS property to change the border of an element to Hex 53445F is called "border". The border property can be set on classes, ids or directly on the HTML element.

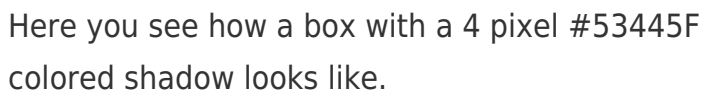
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53445F }
```

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

```
.border{ border-color:#53445F }
```

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



Here you see how a box with a 4 pixel #53445F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53445F; -webkit-box-shadow:4px 4px  
4px 4px #53445F; box-shadow:4px 4px 4px  
4px #53445F }
```

# Background

The CSS property to change the background color of an element to Hex 53445F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53445F }
```

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

```
.background{ background-color:#53445F }
```

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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