

# Converting Colors

Hex(53236C)

Have a look what the booklet for  
Hex(53236C) contains.

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# Color

Hex(53236C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	53236C
RGB	83, 35, 108
RGB Percent	33%, 14%, 42%
CMY	0.6745, 0.8627, 0.5765
CMYK	0.23, 0.68, 0.00, 0.58
HSL	279°, 51%, 28%
HSV	279°, 68%, 42%
XYZ	6.8751, 4.1238, 14.6210
YIQ	57.6740, 5.1750, 32.8790

# Conversions

## Conversions Part 2

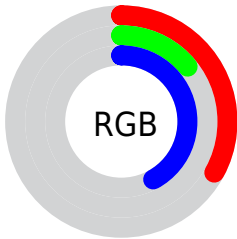
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 35, 108
Decimal	5448556
CIE <sub>Lab</sub>	24.08, 35.59, -33.32
CIE <sub>LCh</sub>	24, 48.749, 316.884
Yxy	4.1238, 0.2684, 0.1610
Android (android.graphics.Color)	4283638636 (0xFF53236C)
YUV	57.6740, 24.8107, 22.2109
Hunter-Lab	20.3071, 24.8949, -28.4735

# Details

The Hex color **53236C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **3C6C23**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **8753A0**, and **23003C** is the 20% darker color. If you saturate the color by 10%, you get **4F186C**, and if you desaturate by 10%, it is **572E6C**.

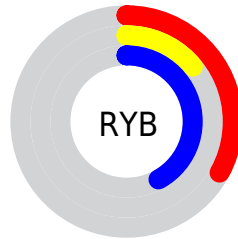
# Distribution



Red (33%)

Green (14%)

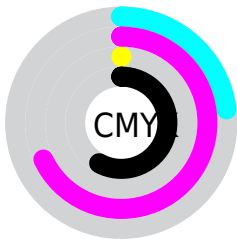
Blue (42%)



Red (33%)

Yellow (14%)

Blue (42%)

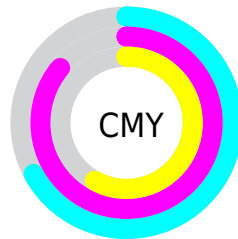


Cyan (23%)

Magenta (68%)

Yellow (0%)

Black (58%)



Cyan (67%)

Magenta (86%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53236C 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 53236C by changing the saturation by 10% instead.



53236C

53236C

FFFFFF

3A0A53

8753A0

23003C

A26CBB

000025

BE86D7

00010E

DAA1F4

000000

F7BCFF

FFD8FF

FFF5FF

53236C

53236C

■ 4F186C

■ 572E6C

■ 4C0D6C

■ 5A396C

■ 48036C

■ 5E436C

■ 47006C

■ 624E6C

■ 65596C

■ 69646C

■ 6D6F6C

■ 71796C

■ 74846C

# Harmonies

## Analogous

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



003780



53236C



71054B

# Triad

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



53236C



543200



00494E

# Complementary

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



53236C



3C6C23

# 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.



004827



53236C



343E00

# Square

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



53236C



6C1E00



004400



00476F

# Rectangle

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



53236C



770033



004400



004841



# Sweetspot

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



53236C



83708C



233D6C



423647



C7C7C7



474747



# Same Dimension

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



53236C



651B8C



6C2361



343036



4D0075



A100F5



# Inverse Universe

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



6C233C



8C1B42



236C2E



363032



750028

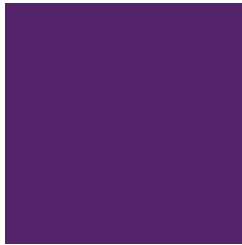


F50054



# Previews

## White Background



This preview shows how the Hex color 53236C 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

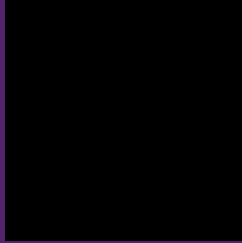
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 53236C Background



This preview shows how black text looks on a background with the Hex color 53236C.



This preview shows how white text looks on a background with the Hex color 53236C.

# 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](#).

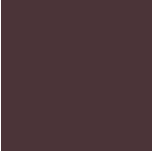
## Dichromacy



**Original Color**  
53236C

**Protanopia**  
003877

**Deuteranopia**  
0F3B67



**Tritanopia**  
4B3438

# Trichromacy



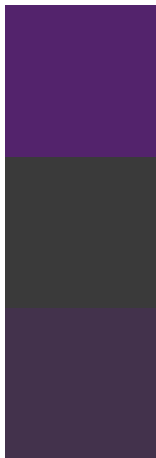
**Original Color**  
53236C

**Protanomaly**  
1E3073

**Deuteranomaly**  
283269

**Tritanomaly**  
4E2E4B

# Monochromacy



**Original Color**  
53236C

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
43324C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53236C 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 #53236C looks like.

```
.text, #text, p{  
    color:#53236C  
}
```

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 #53236C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53236C
}
```

## Border

The CSS property to change the border of an element to Hex 53236C is called "border". The border property can be set on classes, ids or directly on the HTML element.

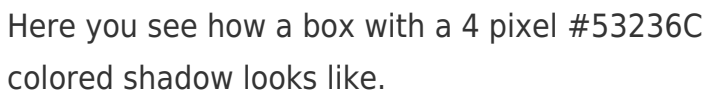
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53236C }
```

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

```
.border{ border-color:#53236C }
```

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



Here you see how a box with a 4 pixel #53236C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53236C; -webkit-box-shadow:4px 4px  
4px 4px #53236C; box-shadow:4px 4px 4px  
4px #53236C }
```

# Background

The CSS property to change the background color of an element to Hex 53236C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53236C }
```

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

```
.background{ background-color:#53236C }
```

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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