

Converting Colors

Hex(50336F)

Have a look what the booklet for
Hex(50336F) contains.

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Color

Hex(50336F)

Conversions

Conversions Part 1

Format	Color
Hex	50336F
RGB	80, 51, 111
RGB Percent	31%, 20%, 44%
CMY	0.6863, 0.8000, 0.5647
CMYK	0.28, 0.54, 0.00, 0.56
HSL	269°, 37%, 32%
HSV	269°, 54%, 44%
XYZ	7.3613, 5.2208, 15.6587
YIQ	66.5110, -1.9760, 24.8080

Conversions

Conversions Part 2

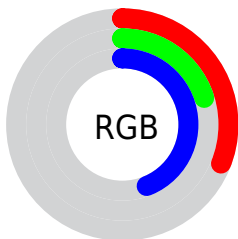
Format	Color
R_{YB}	80, 51, 111
Decimal	5256047
CIE _{Lab}	27.35, 26.25, -30.03
CIE _{LCh}	27, 39.892, 311.159
Yxy	5.2208, 0.2607, 0.1849
Android (android.graphics.Color)	4283446127 (0xFF50336F)
YUV	66.5110, 21.9331, 11.8299
Hunter-Lab	22.8491, 17.5216, -24.6375

Details

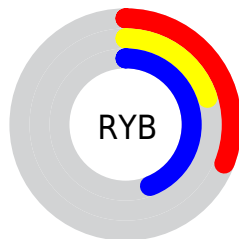
The Hex color **50336F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **526F33**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8362A3**, and **20073F** is the 20% darker color. If you saturate the color by 10%, you get **4A286F**, and if you desaturate by 10%, it is **563E6F**.

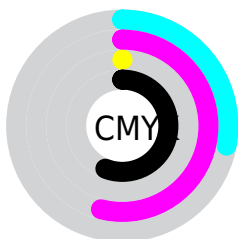
Distribution



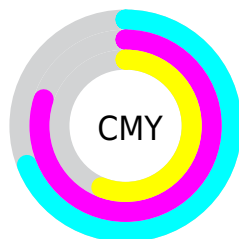
- Red (31%)
- Green (20%)
- Blue (44%)



- Red (31%)
- Yellow (20%)
- Blue (44%)



- Cyan (28%)
- Magenta (54%)
- Yellow (0%)
- Black (56%)



- Cyan (69%)
- Magenta (80%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50336F 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 50336F by changing the saturation by 10% instead.

■ 50336F

■ 50336F

FFFFFF

■ 381D56

■ 8362A3

■ 20073F

■ 9E7CBE

■ 050028

■ B996DA

■ 000112

■ D5B0F7

■ 000000

■ F2CCFF

■ FFE8FF

■ 50336F

■ 50336F

■ 4A286F

■ 563E6F

■ 451D6F

■ 5B496F

■ 3F126F

■ 61546F

■ 39076F

■ 675F6F

■ 36006F

■ 6D6B6F

■ 72766F

■ 78816F

■ 7E8C6F

■ 84976F

Harmonies

Analogous

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



04407D



50336F



6D2555

Triad

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



50336F



5E3800



004F4C

Complementary

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



50336F



526F33

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.



004D2C



50336F



444300

Square

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



50336F



702A1A



224A0D



004E68

Rectangle

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



50336F



762041



224A0D



004E41

Sweetspot

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



50336F



857A91



33526F



433C4A



C9C9C9



4A4A4A

Same Dimension

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



50336F



613391



6E336F



353238



3A0078



7800F7

Inverse Universe

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



6F3352



913364



346F33



383235



78003E



F70080

Previews

White Background



This preview shows how the Hex color 50336F looks on a white background.

Color Contrast Check

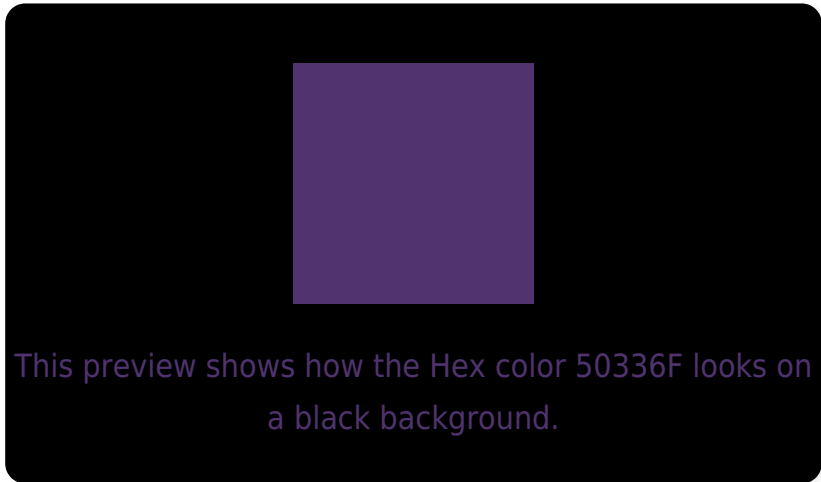
Large Text (above 18pt) WCAG AA ✓ Pass

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

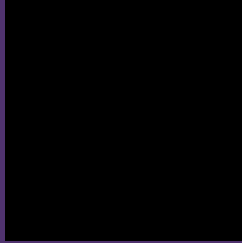
Any Text WCAG AA × Fail

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 50336F Background



This preview shows how black text looks on a background with the Hex color 50336F.



This preview shows how white text looks on a background with the Hex color 50336F.

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](#).

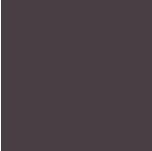
Dichromacy



Original Color
50336F

Protanopia
203F7B

Deuteranopia
24416C



Tritanopia
483E43

Trichromacy



Original Color
50336F

Protanomaly
313B77

Deuteranomaly
343C6D

Tritanomaly
4B3A53

Monochromacy



Original Color
50336F

Achromatopsia
434343

Achromatomaly
483D53

CSS Examples

Text

The CSS property to change the color of the text to Hex 50336F 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 #50336F looks like.

```
.text, #text, p{  
    color:#50336F  
}
```

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 #50336F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50336F
}
```

Border

The CSS property to change the border of an element to Hex 50336F is called "border". The border property can be set on classes, ids or directly on the HTML element.

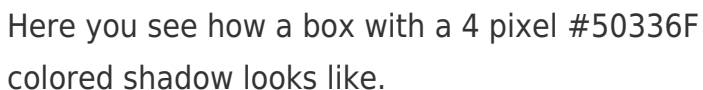
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50336F }
```

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

```
.border{ border-color:#50336F }
```

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



Here you see how a box with a 4 pixel #50336F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50336F; -webkit-box-shadow:4px 4px  
4px 4px #50336F; box-shadow:4px 4px 4px  
4px #50336F }
```

Background

The CSS property to change the background color of an element to Hex 50336F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50336F }
```

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

```
.background{ background-color:#50336F }
```

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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