

Converting Colors

Hex(50386F)

Have a look what the booklet for
Hex(50386F) contains.

Hex(50386F)	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(50386F)

Conversions

Conversions Part 1

Format	Color
Hex	50386F
RGB	80, 56, 111
RGB Percent	31%, 22%, 44%
CMY	0.6863, 0.7804, 0.5647
CMYK	0.28, 0.50, 0.00, 0.56
HSL	266°, 33%, 33%
HSV	266°, 50%, 44%
XYZ	7.5917, 5.6815, 15.7354
YIQ	69.4460, -3.3510, 22.1930

Conversions

Conversions Part 2

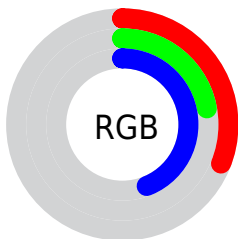
Format	Color
R_{YB}	80, 56, 111
Decimal	5257327
CIE _{Lab}	28.59, 23.11, -28.07
CIE _{LCh}	29, 36.359, 309.469
Yxy	5.6815, 0.2617, 0.1959
Android (android.graphics.Color)	4283447407 (0xFF50386F)
YUV	69.4460, 20.4861, 9.2559
Hunter-Lab	23.8359, 15.1389, -22.4555

Details

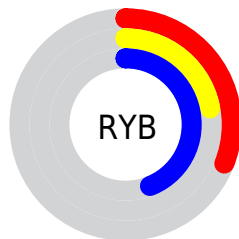
The Hex color **50386F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **576F38**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **8368A3**, and **200D3F** is the 20% darker color. If you saturate the color by 10%, you get **4A2D6F**, and if you desaturate by 10%, it is **56436F**.

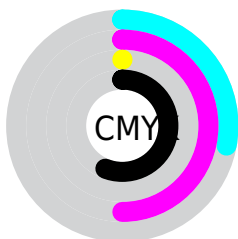
Distribution



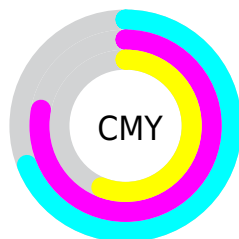
- Red (31%)
- Green (22%)
- Blue (44%)



- Red (31%)
- Yellow (22%)
- Blue (44%)



- Cyan (28%)
- Magenta (50%)
- Yellow (0%)
- Black (56%)



- Cyan (69%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50386F 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 50386F by changing the saturation by 10% instead.

■ 50386F

■ 50386F

FFFFFF

■ 382256

■ 8368A3

■ 200D3F

■ 9D81BE

■ 0B0029

■ B99BDA

■ 000112

■ D5B6F7

■ 000000

■ F1D2FF

■ FFEEFF

■ 50386F

■ 50386F

■ 4A2D6F

■ 56436F

43226F

5D4E6F

3D176F

63596F

370C6F

69646F

31016F

6F706F

30006F

767B6F

7C866F

82916F

889C6F

Harmonies

Analogous

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



14447B



50386F



6C2C58

Triad

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



50386F



613B0B



00514C

Complementary

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



50386F



576F38

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.



004F2F



50386F



494504

Square

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



50386F



712F21



2B4C14



005066

Rectangle

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



50386F



742845



2B4C14



005042

Sweetspot

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



50386F



857C91



38576F



423D4A



C9C9C9



4A4A4A

Same Dimension

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



50386F



613C91



6B386F



353238



340078



6C00F7

Inverse Universe

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



6F3857



913C6C



3C6F38



383236



780044



F7008B

Previews

White Background



This preview shows how the Hex color 50386F looks on a white background.

Color Contrast Check

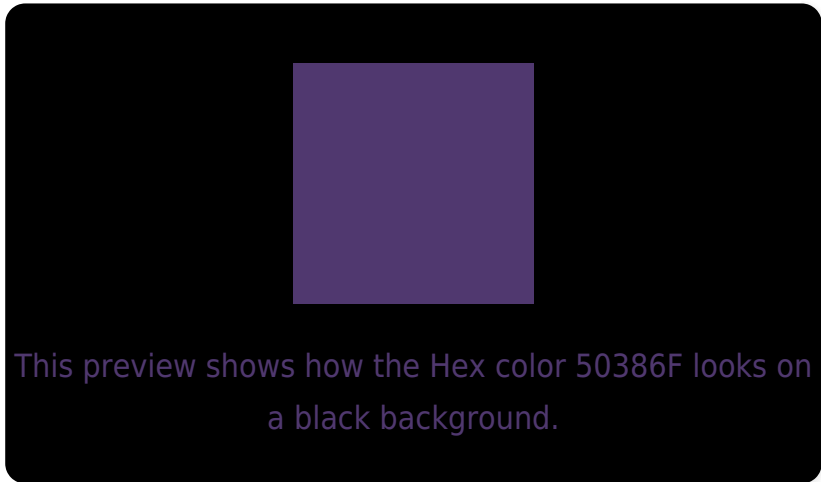
Large Text (above 18pt) WCAG AA ✓ Pass

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

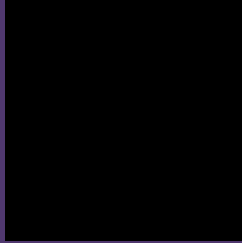
Any Text WCAG AA × Fail

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 50386F Background



This preview shows how black text looks on a background with the Hex color 50386F.

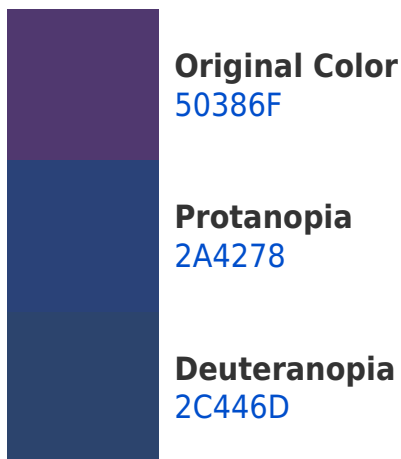


This preview shows how white text looks on a background with the Hex color 50386F.

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





Tritanopia
494247

Trichromacy



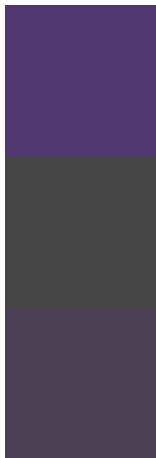
Original Color
50386F

Protanomaly
383E75

Deuteranomaly
39406E

Tritanomaly
4C3E56

Monochromacy



Original Color
50386F

Achromatopsia
454545

Achromatomaly
494054

CSS Examples

Text

The CSS property to change the color of the text to Hex 50386F 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 #50386F looks like.

```
.text, #text, p{  
    color:#50386F  
}
```

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 #50386F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50386F
}
```

Border

The CSS property to change the border of an element to Hex 50386F is called "border". The border property can be set on classes, ids or directly on the HTML element.

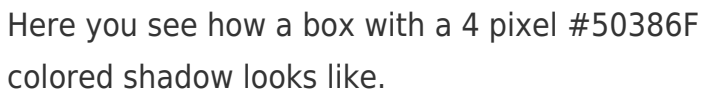
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50386F }
```

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

```
.border{ border-color:#50386F }
```

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



Here you see how a box with a 4 pixel #50386F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50386F; -webkit-box-shadow:4px 4px  
4px 4px #50386F; box-shadow:4px 4px 4px  
4px #50386F }
```

Background

The CSS property to change the background color of an element to Hex 50386F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50386F }
```

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

```
.background{ background-color:#50386F }
```

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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