

Converting Colors

Hex(51556F)

Have a look what the booklet for
Hex(51556F) contains.

Hex(51556F)	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(51556F)

Conversions

Conversions Part 1

Format	Color
Hex	51556F
RGB	81, 85, 111
RGB Percent	32%, 33%, 44%
CMY	0.6824, 0.6667, 0.5647
CMYK	0.27, 0.23, 0.00, 0.56
HSL	232°, 16%, 38%
HSV	232°, 27%, 44%
XYZ	9.5111, 9.3940, 16.3509
YIQ	86.7680, -10.7300, 7.2380

Conversions

Conversions Part 2

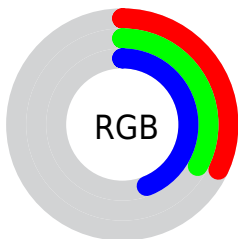
Format	Color
R_{YB}	81, 85, 111
Decimal	5330287
CIE _{Lab}	36.73, 4.84, -15.39
CIE _{LCh}	37, 16.131, 287.452
Yxy	9.3940, 0.2698, 0.2665
Android (android.graphics.Color)	4283520367 (0xFF51556F)
YUV	86.7680, 11.9464, -5.0585
Hunter-Lab	30.6497, 1.7545, -10.1750

Details

The Hex color **51556F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6F6B51**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8387A3**, and **23283F** is the 20% darker color. If you saturate the color by 10%, you get **464B6F**, and if you desaturate by 10%, it is **5C5F6F**.

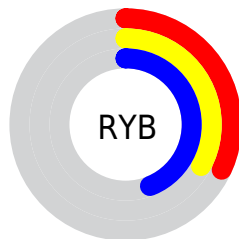
Distribution



Red (32%)

Green (33%)

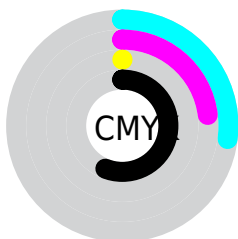
Blue (44%)



Red (32%)

Yellow (33%)

Blue (44%)

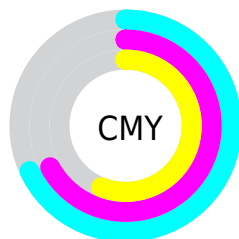


Cyan (27%)

Magenta (23%)

Yellow (0%)

Black (56%)



Cyan (68%)

Magenta (67%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51556F 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 51556F by changing the saturation by 10% instead.

■ 51556F

■ 51556F

FFFFFF

■ 3A3E57

■ 8387A3

■ 23283F

■ 9DA1BE

■ 0E1429

■ B8BCDA

■ 000114

■ D4D7F6

■ 000000

■ F0F4FF

■ 51556F

■ 51556F

■ 464B6F

■ 5C5F6F

■ 3B426F

■ 67686F

■ 30386F

■ 72726F

■ 252F6F

■ 7D7B6F

■ 19256F

■ 89856F

■ 0E1B6F

■ 948F6F

■ 03126F

■ 9F986F

■ 000F6F

■ AAA26F

■ B5AC6F

Harmonies

Analogous

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



3F596F



51556F



625168

Triad

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



51556F



6E5044



3B5D50

Complementary

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



51556F



6F6B51

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.



495B45



51556F



65543D

Square

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



51556F



714D4F



58583E



315E5E

Rectangle

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



51556F



6A4E61



58583E



3F5D4C

Sweetspot

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



51556F



868791



516F6B



43444A



C9C9C9



4A4A4A

Same Dimension

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



51556F



636991



5C516F



323338



001078



0021F7

Inverse Universe

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



6F5155



916369



646F51



383233



780010



F70021

Previews

White Background



This preview shows how the Hex color 51556F looks on a white background.

Color Contrast Check

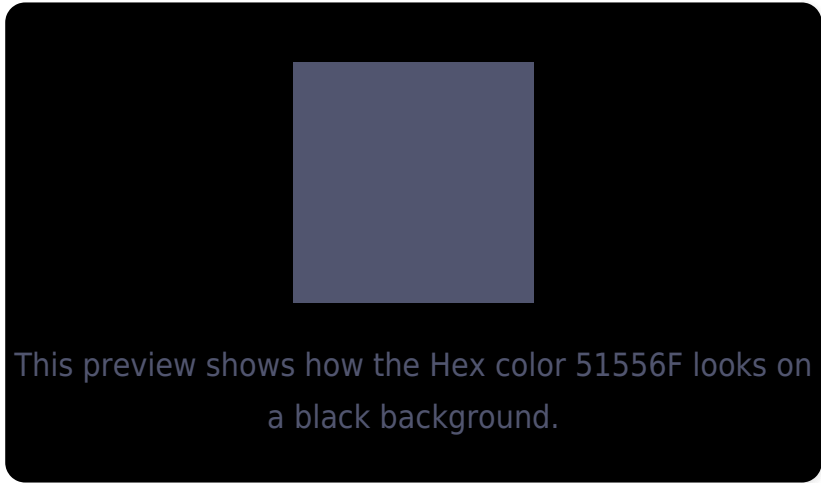
Large Text (above 18pt) WCAG AA ✓ Pass

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

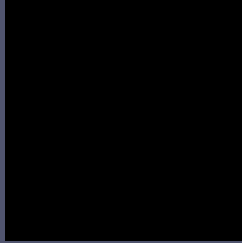
Any Text WCAG AA × Fail

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 51556F Background



This preview shows how black text looks on a background with the Hex color 51556F.



This preview shows how white text looks on a background with the Hex color 51556F.

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
51556F

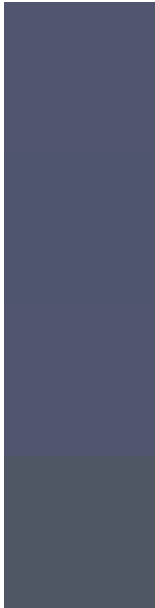
Protanopia
50556F

Deuteranopia
52556F



Tritanopia
4E585F

Trichromacy



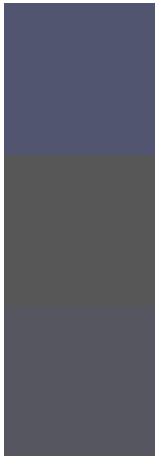
Original Color
51556F

Protanomaly
50556F

Deuteranomaly
52556F

Tritanomaly
4F5765

Monochromacy



Original Color
51556F

Achromatopsia
575757

Achromatomaly
555660

CSS Examples

Text

The CSS property to change the color of the text to Hex 51556F 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 #51556F looks like.

```
.text, #text, p{  
    color:#51556F  
}
```

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 #51556F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51556F
}
```

Border

The CSS property to change the border of an element to Hex 51556F 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
#51556F }
```

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

```
.border{ border-color:#51556F }
```

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

Here you see how a box with a 4 pixel #51556F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51556F; -webkit-box-shadow:4px 4px  
4px 4px #51556F; box-shadow:4px 4px 4px  
4px #51556F }
```

Background

The CSS property to change the background color of an element to Hex 51556F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51556F }
```

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

```
.background{ background-color:#51556F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor