

Converting Colors

Hex(5F6683)

Have a look what the booklet for
Hex(5F6683) contains.

Hex(5F6683)	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(5F6683)

Conversions

Conversions Part 1

Format	Color
Hex	5F6683
RGB	95, 102, 131
RGB Percent	37%, 40%, 51%
CMY	0.6275, 0.6000, 0.4863
CMYK	0.27, 0.22, 0.00, 0.49
HSL	228°, 16%, 44%
HSV	228°, 27%, 51%
XYZ	13.5674, 13.5743, 23.3778
YIQ	103.2130, -13.4810, 7.5350

Conversions

Conversions Part 2

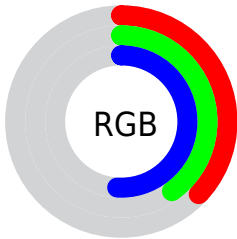
Format	Color
R_{YB}	95, 101, 131
Decimal	6252163
CIE Lab	43.62, 4.34, -16.97
CIE LCh	44, 17.520, 284.355
Yxy	13.5743, 0.2686, 0.2687
Android (android.graphics.Color)	4284442243 (0xFF5F6683)
YUV	103.2130, 13.6990, -7.2028
Hunter-Lab	36.8434, 1.2560, -11.8302

Details

The Hex color **5F6683** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **837C5F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9299B8**, and **2F3752** is the 20% darker color. If you saturate the color by 10%, you get **525B83**, and if you desaturate by 10%, it is **6C7183**.

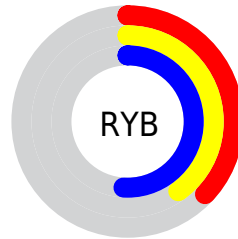
Distribution



Red (37%)

Green (40%)

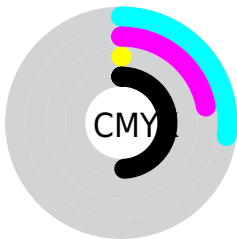
Blue (51%)



Red (37%)

Yellow (40%)

Blue (51%)

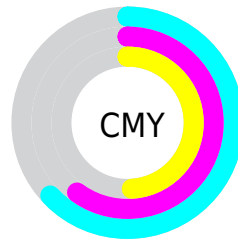


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (49%)



Cyan (63%)

Magenta (60%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F6683 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 5F6683 by changing the saturation by 10% instead.

■ 5F6683

■ 5F6683

FFFFFF

■ 474E6A

■ 9299B8

■ 2F3752

■ ADB4D4

■ 19223A

■ C8CFF0

■ 020C25

■ E5EBFF

■ 00010E

■ 000000

■ 5F6683

■ 5F6683

■ 525B83

■ 6C7183

■ 455183

■ 797B83

■ 384683

■ 868683

■ 2B3C83

■ 939083

■ 1E3183

■ A19B83

■ 102783

■ AEA583

■ 031C83

■ BBB083

■ 001983

■ C8BA83

■ D5C583

Harmonies

Analogous

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



4B6B83



5F6683



72617C

Triad

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



5F6683



825F53



4A6F5F

Complementary

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



5F6683



837C5F

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.



5A6C52



5F6683



79644B

Square

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



5F6683



855D61



6B684B



3E6F6E

Rectangle

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



5F6683



7C5E74



6B684B



4F6E5A

Sweetspot

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



5F6683



9DA0AB



5F837C



4E5057



D6D6D6



575757

Same Dimension

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



5F6683



727DAB



6A5F83



3C3D42



001982



000003

Inverse Universe

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



835F66



AB727D



78835F



423C3D



820019



030000

Previews

White Background



This preview shows how the Hex color 5F6683 looks on a white background.

Color Contrast Check

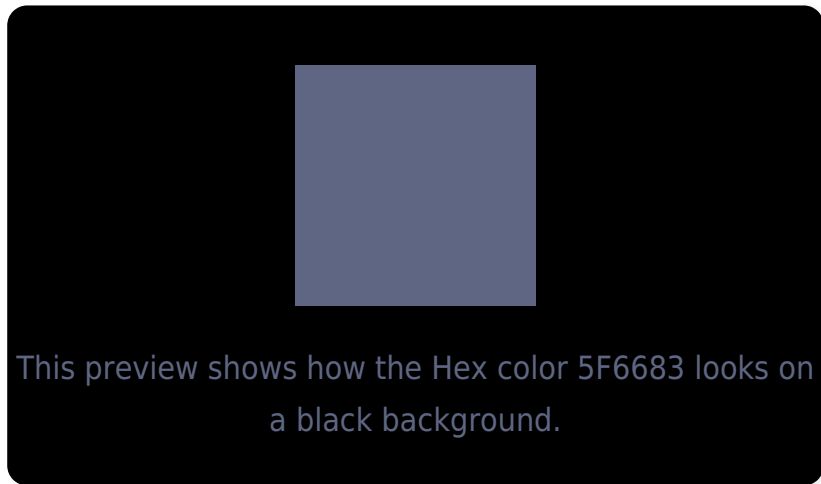
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

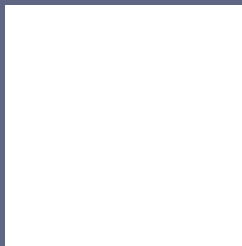
Any Text WCAG AAA × Fail

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

Hex 5F6683 Background



This preview shows how black text looks on a background with the Hex color 5F6683.



This preview shows how white text looks on a background with the Hex color 5F6683.

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
5F6683

Protanopia
606683

Deuteranopia
626583



Tritanopia
5B6972

Trichromacy



Original Color
5F6683

Protanomaly
606683

Deuteranomaly
616583

Tritanomaly
5C6878

Monochromacy



Original Color
5F6683

Achromatopsia
676767

Achromatomaly
646771

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F6683 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 #5F6683 looks like.

```
.text, #text, p{  
    color:#5F6683  
}
```

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 #5F6683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6683
}
```

Border

The CSS property to change the border of an element to Hex 5F6683 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
#5F6683 }
```

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

```
.border{ border-color:#5F6683 }
```

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

Here you see how a box with a 4 pixel #5F6683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6683; -webkit-box-shadow:4px 4px  
4px 4px #5F6683; box-shadow:4px 4px 4px  
4px #5F6683 }
```

Background

The CSS property to change the background color of an element to Hex 5F6683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6683 }
```

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

```
.background{ background-color:#5F6683 }
```

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