

Converting Colors

Hex(5F5681)

Have a look what the booklet for
Hex(5F5681) contains.

Hex(5F5681)	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(5F5681)

Conversions

Conversions Part 1

Format	Color
Hex	5F5681
RGB	95, 86, 129
RGB Percent	37%, 34%, 51%
CMY	0.6275, 0.6627, 0.4941
CMYK	0.26, 0.33, 0.00, 0.49
HSL	253°, 20%, 42%
HSV	253°, 33%, 51%
XYZ	12.0096, 10.6735, 22.1961
YIQ	93.5930, -8.4390, 15.2810

Conversions

Conversions Part 2

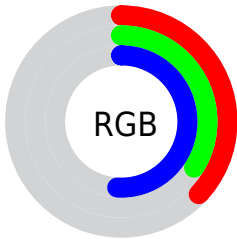
Format	Color
R_{YB}	95, 86, 129
Decimal	6248065
CIE _{Lab}	39.02, 13.72, -22.84
CIE _{LCh}	39, 26.642, 301.002
Yxy	10.6735, 0.2676, 0.2378
Android (android.graphics.Color)	4284438145 (0xFF5F5681)
YUV	93.5930, 17.4557, 1.2339
Hunter-Lab	32.6702, 8.4435, -17.4123

Details

The Hex color **5F5681** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **788156**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9288B6**, and **2F2950** is the 20% darker color. If you saturate the color by 10%, you get **554981**, and if you desaturate by 10%, it is **696381**.

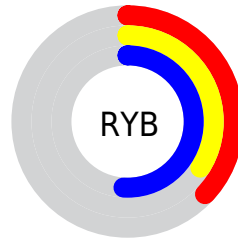
Distribution



Red (37%)

Green (34%)

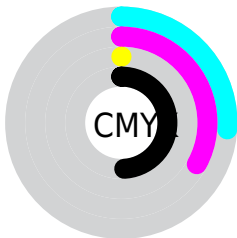
Blue (51%)



Red (37%)

Yellow (34%)

Blue (51%)

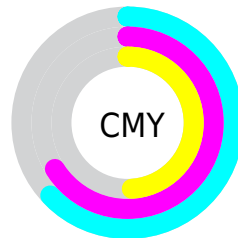


Cyan (26%)

Magenta (33%)

Yellow (0%)

Black (49%)



Cyan (63%)

Magenta (66%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F5681 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 5F5681 by changing the saturation by 10% instead.



5F5681



5F5681

FFFFFF



473F68



9288B6



2F2950



ADA2D2



181438



C9BDEE



000023



E5D9FF



00000A



FFF5FF



000000



5F5681



5F5681



554981



696381



4B3C81



737081

■ 402F81

■ 7E7D81

■ 362281

■ 888A81

■ 2C1681

■ 929781

■ 220981

■ 9CA381

■ 1B0081

■ A6B081

■ B1BD81

■ BBCA81

Harmonies

Analogous

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



3C5E87



5F5681



784E71

Triad

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



5F5681



7B5337



14675C

Complementary

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



5F5681



788156

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.



386546



5F5681



695B30

Square

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



5F5681



854D47



536136



006771

Rectangle

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



5F5681



814B63



536136



226754

Sweetspot

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



5F5681



9B97A8



567881



4C4A54



D4D4D4



545454

Same Dimension

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



5F5681



7365A8



745681



3B3940



1B0080



000000

Inverse Universe

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



815678



A8659A



638156



40393E



800065



000000

Previews

White Background



This preview shows how the Hex color 5F5681 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

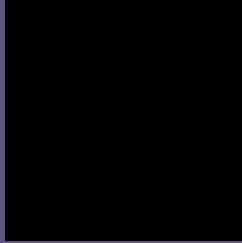
Any Text WCAG AA × Fail

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 5F5681 Background



This preview shows how black text looks on a background with the Hex color 5F5681.

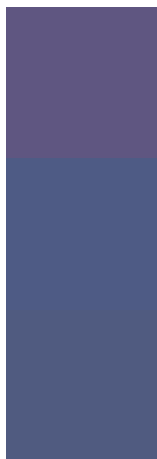


This preview shows how white text looks on a background with the Hex color 5F5681.

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
5F5681

Protanopia
4E5B85

Deuteranopia
505B80



Tritanopia
595C63

Trichromacy



Original Color
5F5681

Protanomaly
545984

Deuteranomaly
555980

Tritanomaly
5B5A6E

Monochromacy



Original Color
5F5681

Achromatopsia
5E5E5E

Achromatomaly
5E5B6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F5681 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 #5F5681 looks like.

```
.text, #text, p{  
    color:#5F5681  
}
```

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 #5F5681 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5681
}
```

Border

The CSS property to change the border of an element to Hex 5F5681 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
#5F5681 }
```

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

```
.border{ border-color:#5F5681 }
```

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

Here you see how a box with a 4 pixel #5F5681 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5681; -webkit-box-shadow:4px 4px  
4px 4px #5F5681; box-shadow:4px 4px 4px  
4px #5F5681 }
```

Background

The CSS property to change the background color of an element to Hex 5F5681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5681 }
```

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

```
.background{ background-color:#5F5681 }
```

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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