

Converting Colors

Hex(5F6693)

Have a look what the booklet for
Hex(5F6693) contains.

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Color

Hex(5F6693)

Conversions

Conversions Part 1

Format	Color
Hex	5F6693
RGB	95, 102, 147
RGB Percent	37%, 40%, 58%
CMY	0.6275, 0.6000, 0.4235
CMYK	0.35, 0.31, 0.00, 0.42
HSL	232°, 21%, 47%
HSV	232°, 35%, 58%
XYZ	14.7371, 14.0422, 29.5375
YIQ	105.0370, -18.6170, 12.5110

Conversions

Conversions Part 2

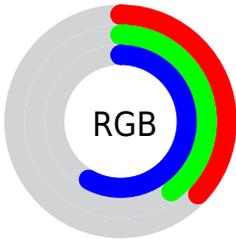
Format	Color
R _Y B	95, 101, 147
Decimal	6252179
CIE Lab	44.29, 8.73, -25.52
CIE LCh	44, 26.967, 288.885
Yxy	14.0422, 0.2527, 0.2408
Android (android.graphics.Color)	4284442259 (0xFF5F6693)
YUV	105.0370, 20.6878, -8.8024
Hunter-Lab	37.4730, 4.6218, -20.5033

Details

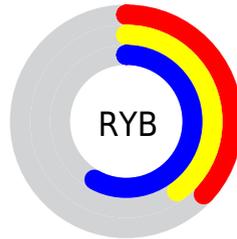
The Hex color **5F6693** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **938C5F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9399C9**, and **2E3760** is the 20% darker color. If you saturate the color by 10%, you get **505993**, and if you desaturate by 10%, it is **6E7393**.

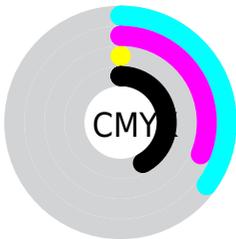
Distribution



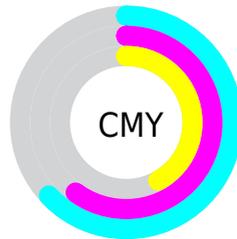
- Red (37%)
- Green (40%)
- Blue (58%)



- Red (37%)
- Yellow (40%)
- Blue (58%)



- Cyan (35%)
- Magenta (31%)
- Yellow (0%)
- Black (42%)



- Cyan (63%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F6693 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 5F6693 by changing the saturation by 10% instead.

■ 5F6693

■ 5F6693

FFFFFF

■ 464E79

■ 9399C9

■ 2E3760

■ AEB4E5

■ 152248

■ CACFFF

■ 000C31

■ E6EBFF

■ 00021C

■ 000000

■ 5F6693

■ 5F6693

■ 505993

■ 6E7393

■ 424D93

■ 7C7F93

■ 334093

■ 8B8C93

■ 243393

■ 9A9993

■ 162693

■ A9A693

■ 071A93

■ B7B293

■ 001493

■ C6BF93

■ D5CC93

■ E3D893

Harmonies

Analogous

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



396D94



5F6693



7D5E86

Triad

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



5F6693



8E5D48



32745F

Complementary

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



5F6693



938C5F

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.



50714A



5F6693



7F653D

Square

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



5F6693



95585B



696C3E



0E7576

Rectangle

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



5F6693



8A5A79



696C3E



3D7358

Sweetspot

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



5F6693



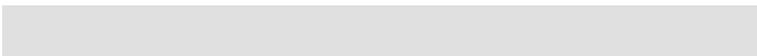
AAADBFB



5F938B



545661



E0E0E0



616161

Same Dimension

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



5F6693



6F7ABF



715F93



43444A



00138A



00010A

Inverse Universe

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



935F66



BF6F7A



81935F



4A4344



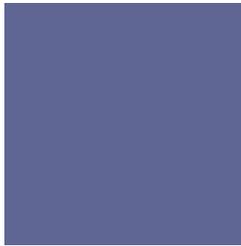
8A0013



0A0001

Previews

White Background



This preview shows how the Hex color 5F6693 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 5F6693 Background



This preview shows how black text looks on a background with the Hex color 5F6693.



This preview shows how white text looks on a background with the Hex color 5F6693.

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
5F6693

Protanopia
5B6794

Deuteranopia
5A6793



Tritanopia
586C75

Trichromacy



Original Color
5F6693

Protanomaly
5C6794

Deuteranomaly
5C6793

Tritanomaly
5B6A80

Monochromacy



Original Color
5F6693

Achromatopsia
696969

Achromatomaly
656878

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F6693 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 #5F6693 looks like.

```
.text, #text, p{  
    color:#5F6693  
}
```

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 #5F6693 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6693  
}
```

Border

The CSS property to change the border of an element to Hex 5F6693 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  
#5F6693 }
```

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

```
.border{ border-color:#5F6693 }
```

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

Here you see how a box with a 4 pixel #5F6693 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6693; -webkit-box-shadow:4px 4px  
4px 4px #5F6693; box-shadow:4px 4px 4px  
4px #5F6693 }
```

Background

The CSS property to change the background color of an element to Hex 5F6693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6693 }
```

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

```
.background{ background-color:#5F6693 }
```

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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