

Converting Colors

Hex(5D6993)

Have a look what the booklet for
Hex(5D6993) contains.

Hex(5D6993)	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(5D6993)

Conversions

Conversions Part 1

Format	Color
Hex	5D6993
RGB	93, 105, 147
RGB Percent	36%, 41%, 58%
CMY	0.6353, 0.5882, 0.4235
CMYK	0.37, 0.29, 0.00, 0.42
HSL	227°, 22%, 47%
HSV	227°, 37%, 58%
XYZ	14.8322, 14.5369, 29.6279
YIQ	106.2000, -20.6340, 10.5180

Conversions

Conversions Part 2

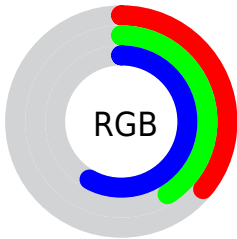
Format	Color
R _Y B	93, 103, 147
Decimal	6121875
CIE Lab	44.99, 6.29, -24.44
CIE LCh	45, 25.237, 284.429
Yxy	14.5369, 0.2514, 0.2464
Android (android.graphics.Color)	4284311955 (0xFF5D6993)
YUV	106.2000, 20.1144, -11.5764
Hunter-Lab	38.1273, 2.7172, -19.3839

Details

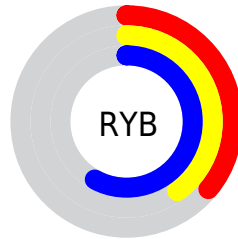
The Hex color **5D6993** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **93875D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **919CC9**, and **2C3A60** is the 20% darker color. If you saturate the color by 10%, you get **4E5E93**, and if you desaturate by 10%, it is **6C7493**.

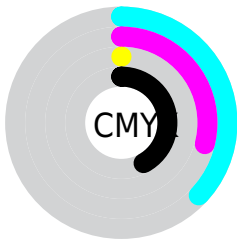
Distribution



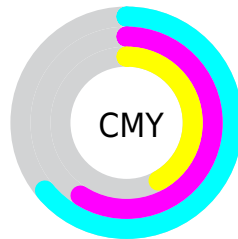
- Red (36%)
- Green (41%)
- Blue (58%)



- Red (36%)
- Yellow (40%)
- Blue (58%)



- Cyan (37%)
- Magenta (29%)
- Yellow (0%)
- Black (42%)



- Cyan (64%)
- Magenta (59%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6993 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 5D6993 by changing the saturation by 10% instead.

■ 5D6993

■ 5D6993

FFFFFF

■ 445179

■ 919CC9

■ 2C3A60

■ ACB7E5

■ 122548

■ C8D2FF

■ 001032

■ E4EFFF

■ 00021C

■ 000000

■ 5D6993

■ 5D6993

■ 4E5E93

■ 6C7493

■ 405293

■ 7A8093

■ 314793

■ 898B93

■ 223B93

■ 989793

■ 133093

■ A7A293

■ 052493

■ B5AE93

■ 002193

■ C4B993

■ D3C493

■ E1D093

Harmonies

Analogous

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



3B7093



5D6993



7A6189

Triad

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



5D6993



905E4E



3D755E

Complementary

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



5D6993



93875D

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.



57724C



5D6993



826542

Square

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



5D6993



945A61



6E6C41



237674

Rectangle

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



5D6993



885D7D



6E6C41



467458

Sweetspot

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



5D6993



AAAFBF



5D9386



545761



E0E0E0



616161

Same Dimension

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



5D6993



6B7EBF



6B5D93



43444A



001F8A



00020A

Inverse Universe

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



935D69



BF6B7E



85935D



4A4344



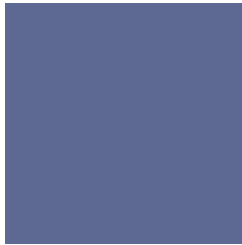
8A001F



0A0002

Previews

White Background



This preview shows how the Hex color 5D6993 looks on a white background.

Color Contrast Check

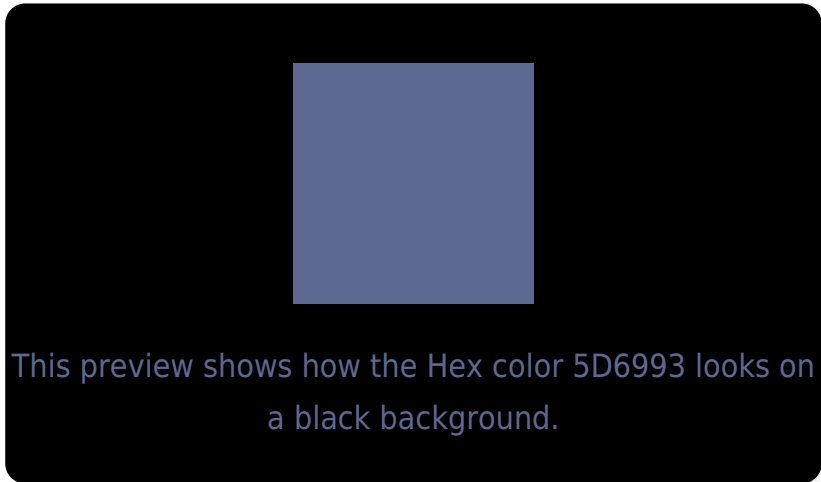
Large Text (above 18pt) WCAG AA ✓ Pass

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

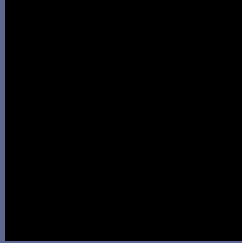
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

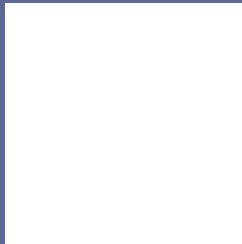
Any Text WCAG AAA × Fail

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

Hex 5D6993 Background



This preview shows how black text looks on a background with the Hex color 5D6993.



This preview shows how white text looks on a background with the Hex color 5D6993.

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
5D6993

Protanopia
5E6993

Deuteranopia
5D6993



Tritanopia
566E77

Trichromacy



Original Color
5D6993

Protanomaly
5E6993

Deuteranomaly
5D6993

Tritanomaly
596C81

Monochromacy



Original Color
5D6993

Achromatopsia
6A6A6A

Achromatomaly
656A79

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6993 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 #5D6993 looks like.

```
.text, #text, p{  
    color:#5D6993  
}
```

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 #5D6993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6993  
}
```

Border

The CSS property to change the border of an element to Hex 5D6993 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  
#5D6993 }
```

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

```
.border{ border-color:#5D6993 }
```

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

Here you see how a box with a 4 pixel #5D6993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6993; -webkit-box-shadow:4px 4px  
4px 4px #5D6993; box-shadow:4px 4px 4px  
4px #5D6993 }
```

Background

The CSS property to change the background color of an element to Hex 5D6993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6993 }
```

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

```
.background{ background-color:#5D6993 }
```

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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