

Converting Colors

Hex(5D6599)

Have a look what the booklet for
Hex(5D6599) contains.

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Color

Hex(5D6599)

Conversions

Conversions Part 1

Format	Color
Hex	5D6599
RGB	93, 101, 153
RGB Percent	36%, 40%, 60%
CMY	0.6353, 0.6039, 0.4000
CMYK	0.39, 0.34, 0.00, 0.40
HSL	232°, 24%, 48%
HSV	232°, 39%, 60%
XYZ	14.9177, 13.9344, 32.0404
YIQ	104.5360, -21.4600, 14.4760

Conversions

Conversions Part 2

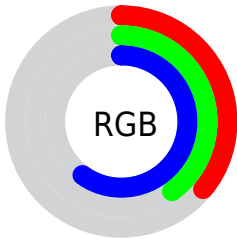
Format	Color
R_{YB}	93, 100, 153
Decimal	6120857
CIE _{Lab}	44.14, 10.49, -29.34
CIE _{LCh}	44, 31.158, 289.669
Yxy	13.9344, 0.2450, 0.2288
Android (android.graphics.Color)	4284310937 (0xFF5D6599)
YUV	104.5360, 23.8928, -10.1171
Hunter-Lab	37.3288, 6.0081, -24.7600

Details

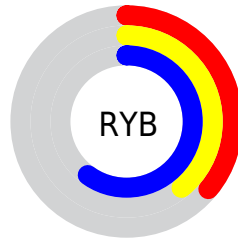
The Hex color **5D6599** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99915D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9198D0**, and **2A3766** is the 20% darker color. If you saturate the color by 10%, you get **4E5899**, and if you desaturate by 10%, it is **6C7299**.

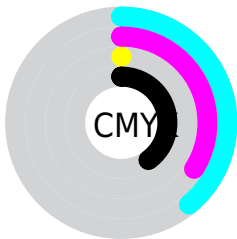
Distribution



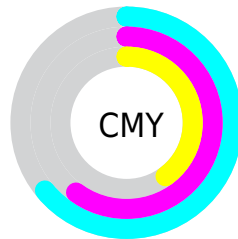
- Red (36%)
- Green (40%)
- Blue (60%)



- Red (36%)
- Yellow (39%)
- Blue (60%)



- Cyan (39%)
- Magenta (34%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6599 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 5D6599 by changing the saturation by 10% instead.

■ 5D6599

■ 5D6599

FFFFFF

■ 444D7F

■ 9198D0

■ 2A3766

■ ADB2EC

■ 0F214D

■ C9CEFF

■ 000B36

■ E5EAFB

■ 000220

■ 000005

■ 000000

■ 5D6599

■ 5D6599

■ 4E5899

■ 6C7299

■ 3E4A99

■ 7C8099

■ 2F3D99

■ 8B8D99

■ 203099

■ 9A9A99

■ 102399

■ AAA799

■ 011599

■ B9B599

■ 001499

■ C8C299

■ D7CF99

■ E7DC99

Harmonies

Analogous

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



2A6E9B



5D6599



805B8A

Triad

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



5D6599



925B42



22755E

Complementary

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



5D6599



99915D

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.



4A7246



5D6599



806435

Square

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



5D6599



9A5458



686C36



007679

Rectangle

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



5D6599



8F567B



686C36



317555

Sweetspot

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



5D6599



AFB2C7



5D9991



565763



E3E3E3



636363

Same Dimension

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



5D6599



6976C7



735D99



45464D



00138C



00020D

Inverse Universe

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



995D65



C76976



83995D



4D4546



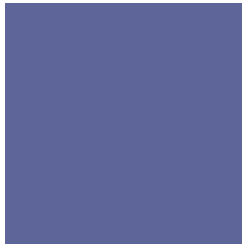
8C0013



0D0002

Previews

White Background



This preview shows how the Hex color 5D6599 looks on a white background.

Color Contrast Check

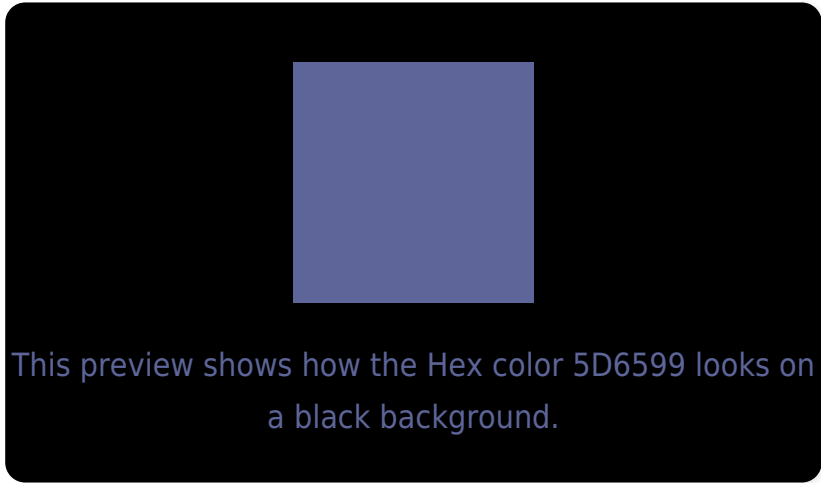
Large Text (above 18pt) WCAG AA ✓ Pass

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

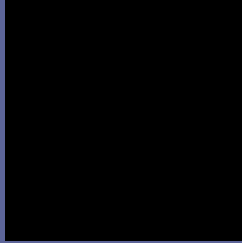
Any Text WCAG AA × Fail

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 5D6599 Background



This preview shows how black text looks on a background with the Hex color 5D6599.

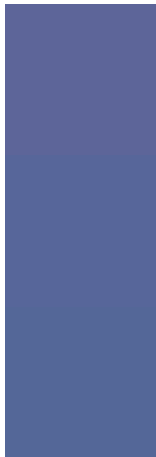


This preview shows how white text looks on a background with the Hex color 5D6599.

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
5D6599

Protanopia
57669A

Deuteranopia
546798



Tritanopia
546C75

Trichromacy



Original Color
5D6599

Protanomaly
59669A

Deuteranomaly
576698

Tritanomaly
576982

Monochromacy



Original Color
5D6599

Achromatopsia
696969

Achromatomaly
65687A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6599 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 #5D6599 looks like.

```
.text, #text, p{  
    color:#5D6599  
}
```

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 #5D6599 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6599
}
```

Border

The CSS property to change the border of an element to Hex 5D6599 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
#5D6599 }
```

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

```
.border{ border-color:#5D6599 }
```

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

Here you see how a box with a 4 pixel #5D6599 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6599; -webkit-box-shadow:4px 4px  
4px 4px #5D6599; box-shadow:4px 4px 4px  
4px #5D6599 }
```

Background

The CSS property to change the background color of an element to Hex 5D6599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6599 }
```

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

```
.background{ background-color:#5D6599 }
```

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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