

Converting Colors

Hex(5D5594)

Have a look what the booklet for
Hex(5D5594) contains.

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Color

Hex(5D5594)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5D5594 |
| RGB | 93, 85, 148 |
| RGB Percent | 36%, 33%, 58% |
| CMY | 0.6353, 0.6667, 0.4196 |
| CMYK | 0.37, 0.43, 0.00, 0.42 |
| HSL | 248°, 27%, 46% |
| HSV | 248°, 43%, 58% |
| XYZ | 13.1080, 10.9623, 29.4420 |
| YIQ | 94.5740, -15.4550, 21.2890 |

Conversions

Conversions Part 2

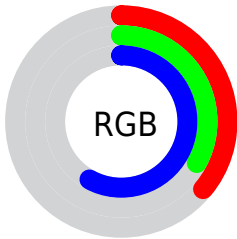
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 93, 85, 148 |
| Decimal | 6116756 |
| CIE _{Lab} | 39.52, 19.03, -33.61 |
| CIE _{LCh} | 40, 38.625, 299.518 |
| Yxy | 10.9623, 0.2450, 0.2049 |
| Android (android.graphics.Color) | 4284306836 (0xFF5D5594) |
| YUV | 94.5740, 26.3390, -1.3804 |
| Hunter-Lab | 33.1093, 12.7269, -29.5463 |

Details

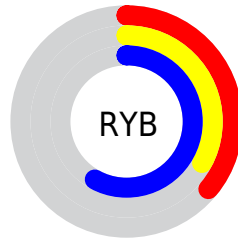
The Hex color **5D5594** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8C9455**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **9287CA**, and **2A2861** is the 20% darker color. If you saturate the color by 10%, you get **504694**, and if you desaturate by 10%, it is **6A6494**.

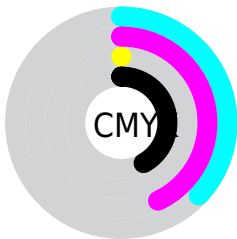
Distribution



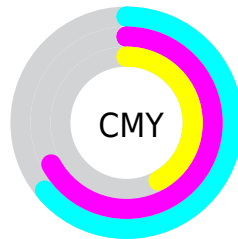
- Red (36%)
- Green (33%)
- Blue (58%)



- Red (36%)
- Yellow (33%)
- Blue (58%)



- Cyan (37%)
- Magenta (43%)
- Yellow (0%)
- Black (42%)



- Cyan (64%)
- Magenta (67%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5594 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 5D5594 by changing the saturation by 10% instead.

■ 5D5594

■ 5D5594

FFFFFF

■ 443E7A

■ 9287CA

■ 2A2861

■ ADA1E7

■ 0F1449

■ C9BCFF

■ 000032

■ E5D8FF

■ 00011C

■ FFF4FF

■ 000000

■ 5D5594

■ 5D5594

■ 504694

■ 6A6494

■ 433794

■ 777394

■ 362994

■ 848194

■ 291A94

■ 919094

■ 1C0B94

■ 9E9F94

■ 130094

■ ABAE94

■ B7BD94

■ C4CB94

■ D1DA94

Harmonies

Analogous

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



0B619C



5D5594



83487D

Triad

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



5D5594



874F27



006C5C

Complementary

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



5D5594



8C9455

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.



236A3C



5D5594



6F5B1A

Square

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



5D5594



954440



4F6423



006C7B

Rectangle

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



5D5594



91426A



4F6423



006C51

Sweetspot

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



5D5594



AAA6BF



558D94



535161



E0E0E0



616161

Same Dimension

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



5D5594



6A5EBF



7C5594



43434A



11008A



01000A

Inverse Universe

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



94558C



BF5EB3



6D9455



4A4349



8A0078



0A0009

Previews

White Background



This preview shows how the Hex color 5D5594 looks on a white background.

Color Contrast Check

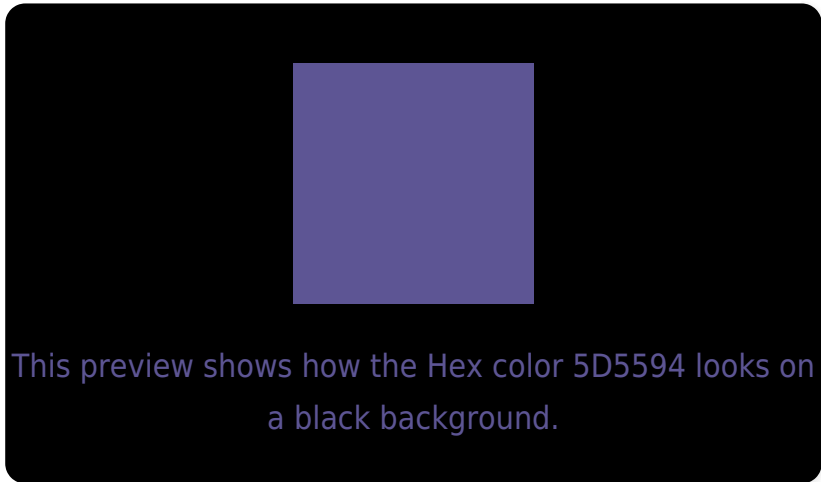
Large Text (above 18pt) WCAG AA ✓ Pass

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

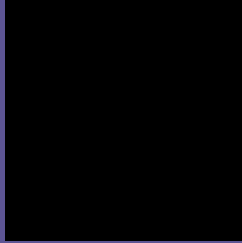
Any Text WCAG AA × Fail

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 5D5594 Background



This preview shows how black text looks on a background with the Hex color 5D5594.



This preview shows how white text looks on a background with the Hex color 5D5594.

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
5D5594

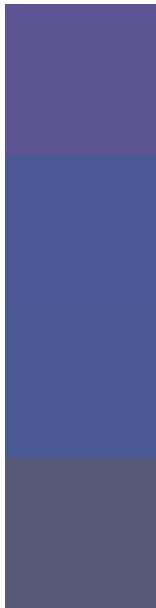
Protanopia
445B99

Deuteranopia
405D92



Tritanopia
535F67

Trichromacy



Original Color
5D5594

Protanomaly
4D5997

Deuteranomaly
4B5A93

Tritanomaly
575B77

Monochromacy



Original Color
5D5594

Achromatopsia
5F5F5F

Achromatomaly
5E5B72

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5594 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 #5D5594 looks like.

```
.text, #text, p{  
    color:#5D5594  
}
```

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 #5D5594 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5594
}
```

Border

The CSS property to change the border of an element to Hex 5D5594 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
#5D5594 }
```

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

```
.border{ border-color:#5D5594 }
```

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

Here you see how a box with a 4 pixel #5D5594 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5594; -webkit-box-shadow:4px 4px  
4px 4px #5D5594; box-shadow:4px 4px 4px  
4px #5D5594 }
```

Background

The CSS property to change the background color of an element to Hex 5D5594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5594 }
```

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

```
.background{ background-color:#5D5594 }
```

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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