

Converting Colors

Hex(5D4391)

Have a look what the booklet for
Hex(5D4391) contains.

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Color

Hex(5D4391)

Conversions

Conversions Part 1

Format	Color
Hex	5D4391
RGB	93, 67, 145
RGB Percent	36%, 26%, 57%
CMY	0.6353, 0.7373, 0.4314
CMYK	0.36, 0.54, 0.00, 0.43
HSL	260°, 37%, 42%
HSV	260°, 54%, 57%
XYZ	11.6322, 8.3858, 27.7936
YIQ	83.6660, -9.5420, 29.7700

Conversions

Conversions Part 2

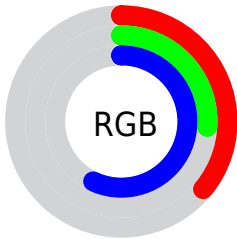
Format	Color
R_{YB}	93, 67, 145
Decimal	6112145
CIE _{Lab}	34.77, 29.39, -39.33
CIE _{LCh}	35, 49.098, 306.771
Yxy	8.3858, 0.2433, 0.1754
Android (android.graphics.Color)	4284302225 (0xFF5D4391)
YUV	83.6660, 30.2377, 8.1859
Hunter-Lab	28.9582, 21.0244, -36.6347

Details

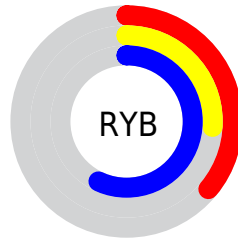
The Hex color **5D4391** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **779143**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9274C7**, and **29165E** is the 20% darker color. If you saturate the color by 10%, you get **533591**, and if you desaturate by 10%, it is **675291**.

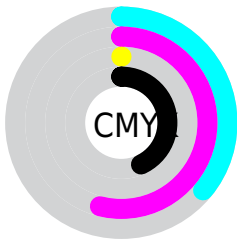
Distribution



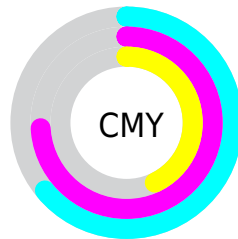
- Red (36%)
- Green (26%)
- Blue (57%)



- Red (36%)
- Yellow (26%)
- Blue (57%)



- Cyan (36%)
- Magenta (54%)
- Yellow (0%)
- Black (43%)



- Cyan (64%)
- Magenta (74%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D4391 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 5D4391 by changing the saturation by 10% instead.

■ 5D4391

■ 5D4391

FFFFFF

■ 432C77

■ 9274C7

■ 29165E

■ AE8EE4

■ 0E0046

■ CAA8FF

■ 00002F

■ E6C4FF

■ 000119

■ FFE0FF

■ 000000

■ FFFCFF

■ 5D4391

■ 5D4391

■ 533591

■ 675291

■ 4A2691

■ 706091

■ 401791

■ 7A6F91

■ 360991

■ 847D91

■ 300091

■ 8D8B91

■ 979A91

■ A1A991

■ AAB791

■ B4C691

Harmonies

Analogous

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



0054A0



5D4391



872F71

Triad

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



5D4391



7B4400



00635A

Complementary

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



5D4391



779143

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.



006131



5D4391



5B5300

Square

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



5D4391



913225



315C06



006380

Rectangle

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



5D4391



942758



315C06



00634C

Sweetspot

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



5D4391



A99FBD



437791



524C5E



DEDEDE



5E5E5E

Same Dimension

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



5D4391



6B42BD



844391



434047



2D0087



030008

Inverse Universe

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



914377



BD4294



509143



474045



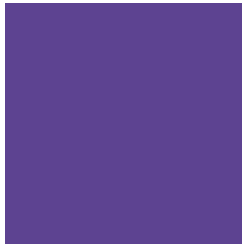
87005A



080005

Previews

White Background



This preview shows how the Hex color 5D4391 looks on a white background.

Color Contrast Check

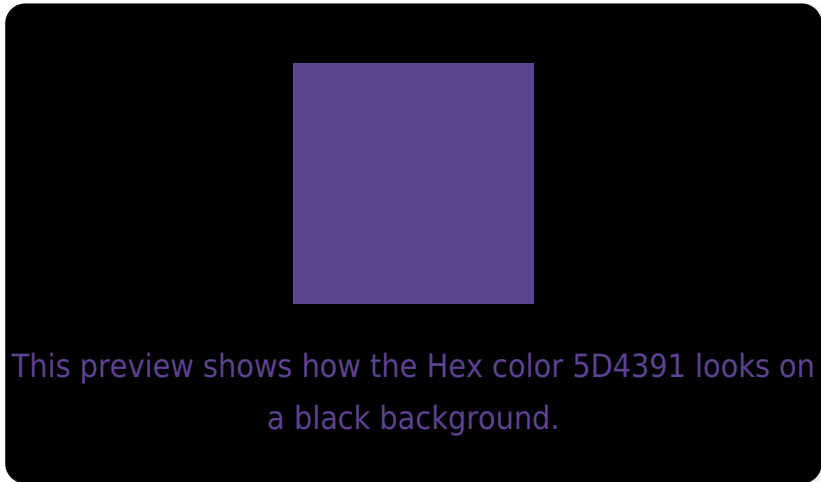
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

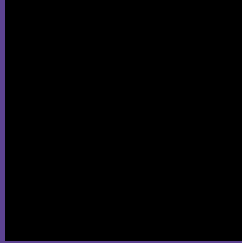
Any Text WCAG AA × Fail

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 5D4391 Background



This preview shows how black text looks on a background with the Hex color 5D4391.



This preview shows how white text looks on a background with the Hex color 5D4391.

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
5D4391

Protanopia
254F9E

Deuteranopia
23538E



Tritanopia
515258

Trichromacy



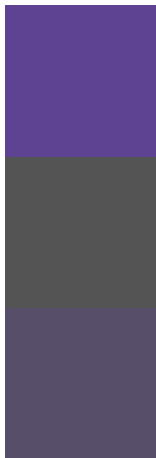
Original Color
5D4391

Protanomaly
394B99

Deuteranomaly
384D8F

Tritanomaly
554D6D

Monochromacy



Original Color
5D4391

Achromatopsia
545454

Achromatomaly
574E6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D4391 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 #5D4391 looks like.

```
.text, #text, p{  
    color:#5D4391  
}
```

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 #5D4391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4391
}
```

Border

The CSS property to change the border of an element to Hex 5D4391 is called "border". The border property can be set on classes, ids or directly on the HTML element.

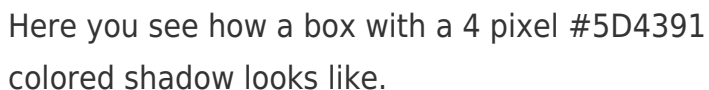
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D4391 }
```

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

```
.border{ border-color:#5D4391 }
```

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



Here you see how a box with a 4 pixel #5D4391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4391; -webkit-box-shadow:4px 4px  
4px 4px #5D4391; box-shadow:4px 4px 4px  
4px #5D4391 }
```

Background

The CSS property to change the background color of an element to Hex 5D4391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4391 }
```

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

```
.background{ background-color:#5D4391 }
```

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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