

Converting Colors

Hex(4D5891)

Have a look what the booklet for
Hex(4D5891) contains.

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Color

Hex(4D5891)

Conversions

Conversions Part 1

Format	Color
Hex	4D5891
RGB	77, 88, 145
RGB Percent	30%, 35%, 57%
CMY	0.6980, 0.6549, 0.4314
CMYK	0.47, 0.39, 0.00, 0.43
HSL	230°, 31%, 44%
HSV	230°, 47%, 57%
XYZ	11.6611, 10.6016, 28.2198
YIQ	91.2090, -24.8530, 15.3950

Conversions

Conversions Part 2

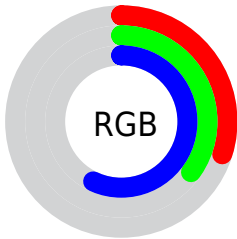
Format	Color
R_{YB}	77, 86, 145
Decimal	5068945
CIE _{Lab}	38.90, 11.81, -32.86
CIE _{LCh}	39, 34.915, 289.764
Yxy	10.6016, 0.2310, 0.2100
Android (android.graphics.Color)	4283259025 (0xFF4D5891)
YUV	91.2090, 26.5190, -12.4613
Hunter-Lab	32.5600, 6.9483, -28.5946

Details

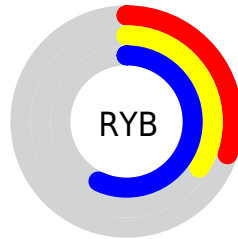
The Hex color **4D5891** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **91864D**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **818AC7**, and **172B5E** is the 20% darker color. If you saturate the color by 10%, you get **3E4C91**, and if you desaturate by 10%, it is **5C6491**.

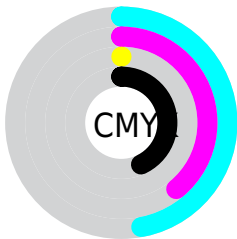
Distribution



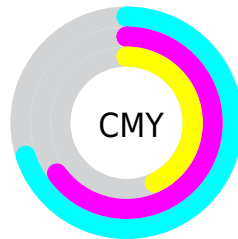
- Red (30%)
- Green (35%)
- Blue (57%)



- Red (30%)
- Yellow (34%)
- Blue (57%)



- Cyan (47%)
- Magenta (39%)
- Yellow (0%)
- Black (43%)



- Cyan (70%)
- Magenta (65%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D5891 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 4D5891 by changing the saturation by 10% instead.

■ 4D5891

■ 4D5891

FFFFFF

■ 334177

■ 818AC7

■ 172B5E

■ 9DA4E3

■ 001746

■ B8BFFF

■ 00002F

■ D4DBFF

■ 00011A

■ F1F7FF

■ 000000

■ 4D5891

■ 4D5891

■ 3E4C91

■ 5C6491

■ 304091

■ 6A7091

■ 213491

■ 797C91

■ 132791

■ 878991

■ 041B91

■ 959591

■ 001791

■ A4A191

■ B3AD91

■ C1B991

■ D0C591

Harmonies

Analogous

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



006293



4D5891



754D81

Triad

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



4D5891



884C31



006951

Complementary

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



4D5891



91864D

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.



386635



4D5891



745722

Square

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



4D5891



90444A



5A6023



006A6E

Rectangle

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



4D5891



854670



5A6023



156847

Sweetspot

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



4D5891



A2A7BD



4D9186



4E515E



DEDEDE



5E5E5E

Same Dimension

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



4D5891



5364BD



644D91



404147



001687



000108

Inverse Universe

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



914D58



BD5364



7A914D



474041



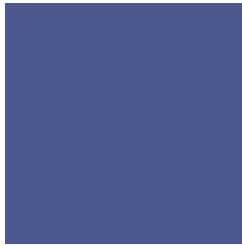
870016



080001

Previews

White Background



This preview shows how the Hex color 4D5891 looks on a white background.

Color Contrast Check

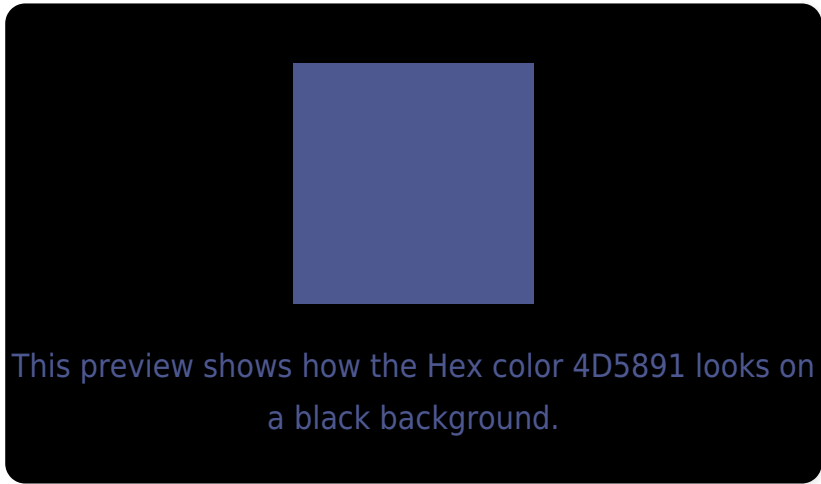
Large Text (above 18pt) WCAG AA ✓ Pass

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

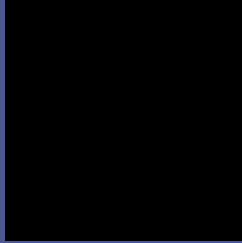
Any Text WCAG AA × Fail

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 4D5891 Background



This preview shows how black text looks on a background with the Hex color 4D5891.



This preview shows how white text looks on a background with the Hex color 4D5891.

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
4D5891

Protanopia
465A92

Deuteranopia
3F5B90



Tritanopia
416168

Trichromacy



Original Color
4D5891

Protanomaly
495992

Deuteranomaly
445A90

Tritanomaly
455E77

Monochromacy



Original Color
4D5891

Achromatopsia
5B5B5B

Achromatomaly
565A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D5891 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 #4D5891 looks like.

```
.text, #text, p{  
    color:#4D5891  
}
```

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 #4D5891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5891
}
```

Border

The CSS property to change the border of an element to Hex 4D5891 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
#4D5891 }
```

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

```
.border{ border-color:#4D5891 }
```

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

Here you see how a box with a 4 pixel #4D5891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5891; -webkit-box-shadow:4px 4px  
4px 4px #4D5891; box-shadow:4px 4px 4px  
4px #4D5891 }
```

Background

The CSS property to change the background color of an element to Hex 4D5891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5891 }
```

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

```
.background{ background-color:#4D5891 }
```

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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