

Converting Colors

Hex(4F4181)

Have a look what the booklet for
Hex(4F4181) contains.

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Color

Hex(4F4181)

Conversions

Conversions Part 1

Format	Color
Hex	4F4181
RGB	79, 65, 129
RGB Percent	31%, 25%, 51%
CMY	0.6902, 0.7451, 0.4941
CMYK	0.39, 0.50, 0.00, 0.49
HSL	253°, 33%, 38%
HSV	253°, 50%, 51%
XYZ	9.0772, 7.0278, 21.6470
YIQ	76.4820, -12.2000, 22.8720

Conversions

Conversions Part 2

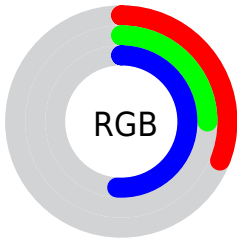
Format	Color
R_{YB}	79, 65, 129
Decimal	5194113
CIE _{Lab}	31.87, 22.21, -34.19
CIE _{LCh}	32, 40.773, 303.005
Yxy	7.0278, 0.2404, 0.1862
Android (android.graphics.Color)	4283384193 (0xFF4F4181)
YUV	76.4820, 25.8914, 2.2083
Hunter-Lab	26.5101, 14.7268, -29.8566

Details

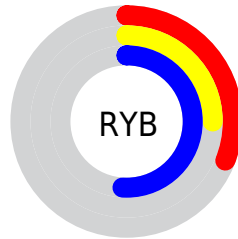
The Hex color **4F4181** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **738141**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8371B6**, and **1D164F** is the 20% darker color. If you saturate the color by 10%, you get **453481**, and if you desaturate by 10%, it is **594E81**.

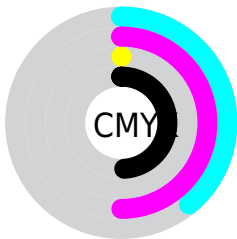
Distribution



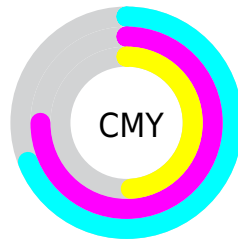
- Red (31%)
- Green (25%)
- Blue (51%)



- Red (31%)
- Yellow (25%)
- Blue (51%)



- Cyan (39%)
- Magenta (50%)
- Yellow (0%)
- Black (49%)



- Cyan (69%)
- Magenta (75%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F4181 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 4F4181 by changing the saturation by 10% instead.

■ 4F4181

■ 4F4181

FFFFFF

■ 362B68

■ 8371B6

■ 1D164F

■ 9E8BD2

■ 070038

■ B9A5EF

■ 000222

■ D5C0FF

■ 000007

■ F2DCFF

■ 000000

■ FFF9FF

■ 4F4181

■ 4F4181

■ 453481

■ 594E81

■ 3B2781

■ 635B81

■ 311A81

■ 6D6881

■ 270D81

■ 777581

■ 1D0181

■ 818281

■ 1C0081

■ 8B8E81

■ 969B81

■ A0A881

■ AAB581

Harmonies

Analogous

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



004E8B



4F4181



743269

Triad

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



4F4181



713E0F



005A4D

Complementary

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



4F4181



738141

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.



00582C



4F4181



584B00

Square

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



4F4181



81312A



37530E



00596D

Rectangle

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



4F4181



802C54



37530E



005942

Sweetspot

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



4F4181



958FA8



417381



484554



D4D4D4



545454

Same Dimension

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



4F4181



5943A8



6F4181



3B3940



1C0080



000000

Inverse Universe

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



814173



A84392



538141



40393E



800064



000000

Previews

White Background



This preview shows how the Hex color 4F4181 looks on a white background.

Color Contrast Check

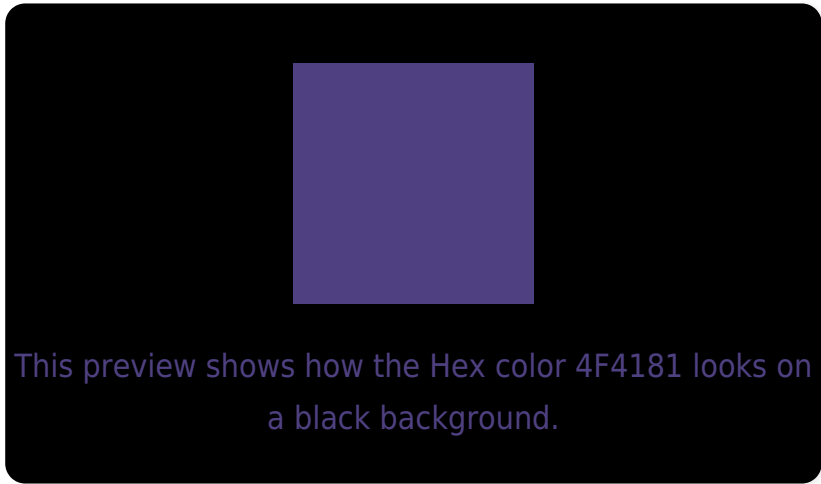
Large Text (above 18pt) WCAG AA ✓ Pass

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

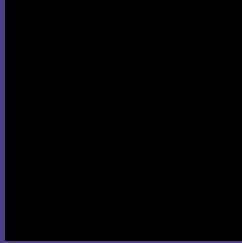
Any Text WCAG AA × Fail

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 4F4181 Background



This preview shows how black text looks on a background with the Hex color 4F4181.



This preview shows how white text looks on a background with the Hex color 4F4181.

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
4F4181

Protanopia
2B4989

Deuteranopia
274C7F



Tritanopia
444C52

Trichromacy



Original Color
4F4181

Protanomaly
384686

Deuteranomaly
364880

Tritanomaly
484863

Monochromacy



Original Color
4F4181

Achromatopsia
4C4C4C

Achromatomaly
4D485F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F4181 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 #4F4181 looks like.

```
.text, #text, p{  
    color:#4F4181  
}
```

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 #4F4181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4181
}
```

Border

The CSS property to change the border of an element to Hex 4F4181 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
#4F4181 }
```

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

```
.border{ border-color:#4F4181 }
```

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

Here you see how a box with a 4 pixel #4F4181 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4181; -webkit-box-shadow:4px 4px  
4px 4px #4F4181; box-shadow:4px 4px 4px  
4px #4F4181 }
```

Background

The CSS property to change the background color of an element to Hex 4F4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4181 }
```

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

```
.background{ background-color:#4F4181 }
```

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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