

Converting Colors

Hex(4F1B66)

Have a look what the booklet for
Hex(4F1B66) contains.

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Color

Hex(4F1B66)

Conversions

Conversions Part 1

Format	Color
Hex	4F1B66
RGB	79, 27, 102
RGB Percent	31%, 11%, 40%
CMY	0.6902, 0.8941, 0.6000
CMYK	0.23, 0.74, 0.00, 0.60
HSL	282°, 58%, 25%
HSV	282°, 74%, 40%
XYZ	6.0147, 3.4054, 12.9107
YIQ	51.0980, 6.9170, 34.3490

Conversions

Conversions Part 2

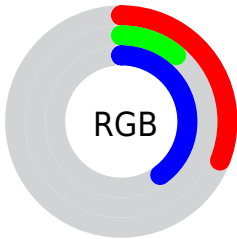
Format	Color
R_{YB}	79, 27, 102
Decimal	5184358
CIE _{Lab}	21.60, 37.18, -33.43
CIE _{LCh}	22, 50.000, 318.041
Yxy	3.4054, 0.2693, 0.1525
Android (android.graphics.Color)	4283374438 (0xFF4F1B66)
YUV	51.0980, 25.0947, 24.4701
Hunter-Lab	18.4538, 25.8843, -28.5628

Details

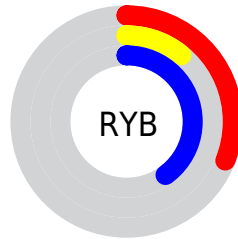
The Hex color **4F1B66** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **32661B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **834C9A**, and **210037** is the 20% darker color. If you saturate the color by 10%, you get **4C1166**, and if you desaturate by 10%, it is **522566**.

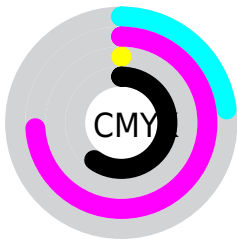
Distribution



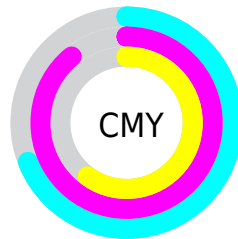
- Red (31%)
- Green (11%)
- Blue (40%)



- Red (31%)
- Yellow (11%)
- Blue (40%)



- Cyan (23%)
- Magenta (74%)
- Yellow (0%)
- Black (60%)



- Cyan (69%)
- Magenta (89%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F1B66 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 4F1B66 by changing the saturation by 10% instead.

4F1B66

4F1B66

FFFFFF

36014E

834C9A

210037

9E65B5

000120

B97ED0

000004

D699ED

000000

F3B4FF

FFD0FF

FFECFF

4F1B66

4F1B66

■ 4C1166

■ 522566

■ 490766

■ 552F66

■ 470066

■ 583A66

■ 5C4466

■ 5F4E66

■ 625866

■ 656266

■ 686D66

■ 6B7766

Harmonies

Analogous

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



00317B



4F1B66



6C0044

Triad

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



4F1B66



4D2D00



00434A

Complementary

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



4F1B66



32661B

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.



004223



4F1B66



2C3900

Square

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



4F1B66



661700



003F00



00426B

Rectangle

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



4F1B66



72002C



003F00



00433D

Sweetspot

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



4F1B66



7C6785



1B3366



3D3142



C2C2C2



424242

Same Dimension

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



4F1B66



611085



661B58



312E33



500073



A800F2

Inverse Universe

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



661B32



851034



1B6629



332E2F



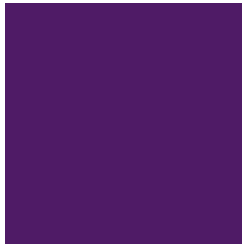
730023



F2004A

Previews

White Background



This preview shows how the Hex color 4F1B66 looks on a white background.

Color Contrast Check

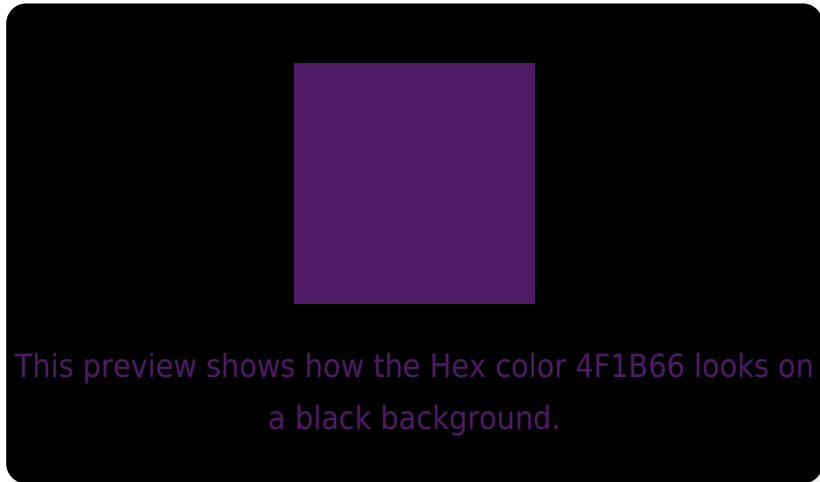
Large Text (above 18pt) WCAG AA ✓ Pass

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

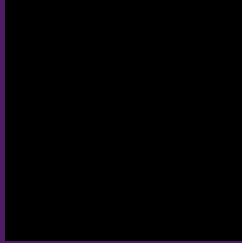
Any Text WCAG AA × Fail

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 4F1B66 Background



This preview shows how black text looks on a background with the Hex color 4F1B66.



This preview shows how white text looks on a background with the Hex color 4F1B66.

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
4F1B66

Protanopia
00336C

Deuteranopia
00365F



Tritanopia
472E31

Trichromacy



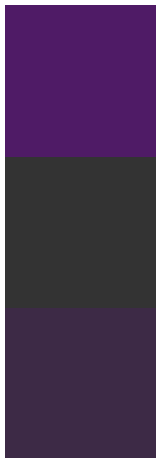
Original Color
4F1B66

Protanomaly
1D2A6A

Deuteranomaly
1D2C62

Tritanomaly
4A2744

Monochromacy



Original Color
4F1B66

Achromatopsia
333333

Achromatomaly
3D2A46

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F1B66 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 #4F1B66 looks like.

```
.text, #text, p{  
    color:#4F1B66  
}
```

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 #4F1B66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F1B66  
}
```

Border

The CSS property to change the border of an element to Hex 4F1B66 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  
#4F1B66 }
```

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

```
.border{ border-color:#4F1B66 }
```

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

Here you see how a box with a 4 pixel #4F1B66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F1B66; -webkit-box-shadow:4px 4px  
4px 4px #4F1B66; box-shadow:4px 4px 4px  
4px #4F1B66 }
```

Background

The CSS property to change the background color of an element to Hex 4F1B66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F1B66 }
```

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

```
.background{ background-color:#4F1B66 }
```

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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