

Converting Colors

Hex(4F1E53)

Have a look what the booklet for
Hex(4F1E53) contains.

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Color

Hex(4F1E53)

Conversions

Conversions Part 1

Format	Color
Hex	4F1E53
RGB	79, 30, 83
RGB Percent	31%, 12%, 33%
CMY	0.6902, 0.8824, 0.6745
CMYK	0.05, 0.64, 0.00, 0.67
HSL	295°, 47%, 22%
HSV	295°, 64%, 33%
XYZ	5.2501, 3.2153, 8.5275
YIQ	50.6930, 12.1910, 26.8710

Conversions

Conversions Part 2

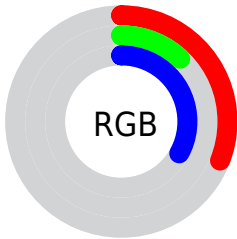
Format	Color
R_{YB}	79, 30, 83
Decimal	5185107
CIE _{Lab}	20.89, 31.43, -21.97
CIE _{LCh}	21, 38.345, 325.040
Yxy	3.2153, 0.3090, 0.1892
Android (android.graphics.Color)	4283375187 (0xFF4F1E53)
YUV	50.6930, 15.9274, 24.8252
Hunter-Lab	17.9314, 20.8824, -15.6443

Details

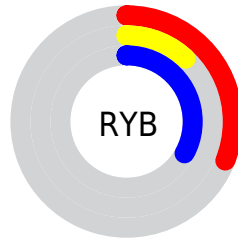
The Hex color **4F1E53** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **22531E**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **824D85**, and **240026** is the 20% darker color. If you saturate the color by 10%, you get **4E1653**, and if you desaturate by 10%, it is **502653**.

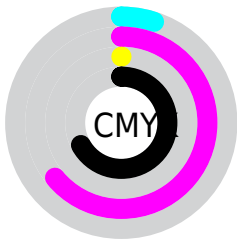
Distribution



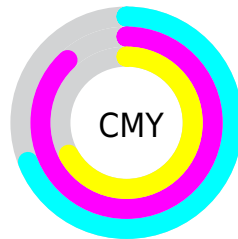
- Red (31%)
- Green (12%)
- Blue (33%)



- Red (31%)
- Yellow (12%)
- Blue (33%)



- Cyan (5%)
- Magenta (64%)
- Yellow (0%)
- Black (67%)



- Cyan (69%)
- Magenta (88%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F1E53 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 4F1E53 by changing the saturation by 10% instead.



4F1E53



4F1E53

FFFFFF



37053C



824D85



240026



9D669F



00010F



B880BA



000000



D49AD6



F1B5F2



FFD1FF



FFEEFF



4F1E53



4F1E53

■ 4E1653

■ 502653

■ 4E0D53

■ 502F53

■ 4D0553

■ 513753

■ 4D0053

■ 523F53

■ 524753

■ 535053

■ 535853

■ 546053

■ 556953

Harmonies

Analogous

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



252D66



4F1E53



611138

Triad

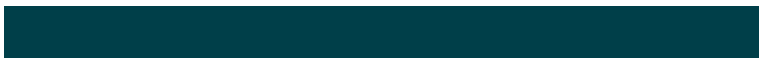
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4F1E53



432F00



003F49

Complementary

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



4F1E53



22531E

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.



003E2C



4F1E53



293800

Square

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



4F1E53



572300



003C0F



003D60

Rectangle

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



4F1E53



631125



003C0F



003F40

Sweetspot

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



4F1E53



6A576B



1E2253



352936



B5B5B5



363636

Same Dimension

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



4F1E53



65196B



531E3D



282529



610069



D700E8

Inverse Universe

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



531E22



6B191F



1E5334



292525



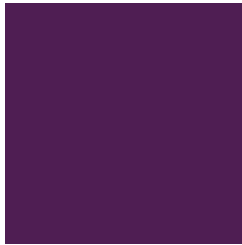
690008



E80012

Previews

White Background



This preview shows how the Hex color 4F1E53 looks on a white background.

Color Contrast Check

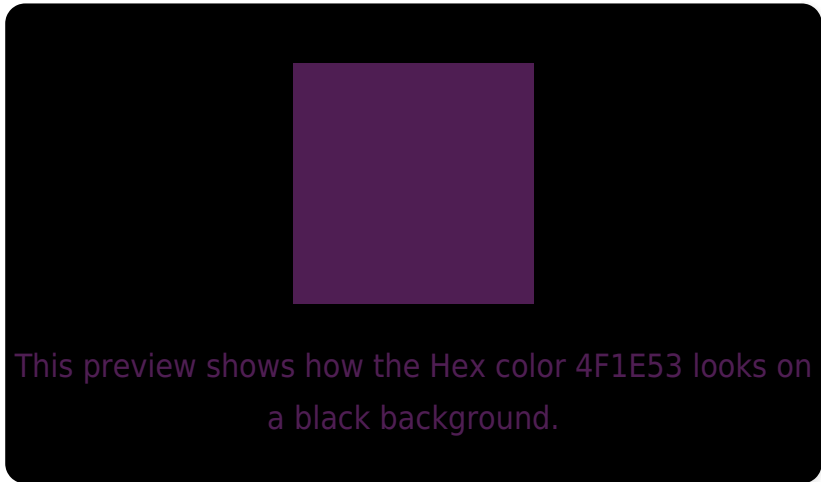
Large Text (above 18pt) WCAG AA ✓ Pass

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

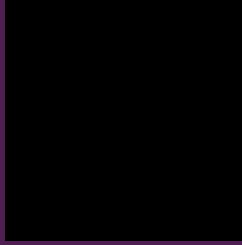
Any Text WCAG AA × Fail

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 4F1E53 Background



This preview shows how black text looks on a background with the Hex color 4F1E53.



This preview shows how white text looks on a background with the Hex color 4F1E53.

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
4F1E53

Protanopia
123266

Deuteranopia
25334F



Tritanopia
4A2A2D

Trichromacy



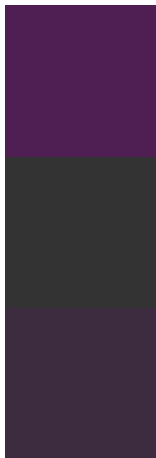
Original Color
4F1E53

Protanomaly
282B5F

Deuteranomaly
342B50

Tritanomaly
4C263B

Monochromacy



Original Color
4F1E53

Achromatopsia
333333

Achromatomaly
3D2B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F1E53 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 #4F1E53 looks like.

```
.text, #text, p{  
    color:#4F1E53  
}
```

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 #4F1E53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F1E53
}
```

Border

The CSS property to change the border of an element to Hex 4F1E53 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".

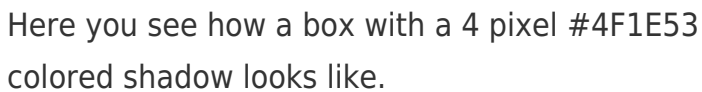
```
.border, #border, table{ border:4px solid
#4F1E53 }
```

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

```
.border{ border-color:#4F1E53 }
```

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

Here you see how a box with a 4 pixel #4F1E53 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F1E53; -webkit-box-shadow:4px 4px  
4px 4px #4F1E53; box-shadow:4px 4px 4px  
4px #4F1E53 }
```

Background

The CSS property to change the background color of an element to Hex 4F1E53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F1E53 }
```

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

```
.background{ background-color:#4F1E53 }
```

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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