

Converting Colors

Hex(451F55)

Have a look what the booklet for
Hex(451F55) contains.

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Color

Hex(451F55)

Conversions

Conversions Part 1

Format	Color
Hex	451F55
RGB	69, 31, 85
RGB Percent	27%, 12%, 33%
CMY	0.7294, 0.8784, 0.6667
CMYK	0.19, 0.64, 0.00, 0.67
HSL	282°, 47%, 23%
HSV	282°, 64%, 33%
XYZ	4.5839, 2.9011, 8.9127
YIQ	48.5180, 5.3140, 24.8500

Conversions

Conversions Part 2

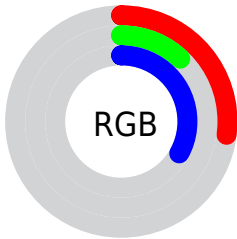
Format	Color
R_{YB}	69, 31, 85
Decimal	4530005
CIE _{Lab}	19.64, 28.36, -25.38
CIE _{LCh}	20, 38.065, 318.173
Yxy	2.9011, 0.2795, 0.1769
Android (android.graphics.Color)	4282720085 (0xFF451F55)
YUV	48.5180, 17.9856, 17.9627
Hunter-Lab	17.0325, 18.2325, -19.1023

Details

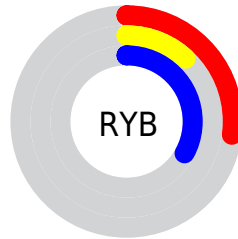
The Hex color **451F55** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2F551F**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **774D87**, and **1C0028** is the 20% darker color. If you saturate the color by 10%, you get **421655**, and if you desaturate by 10%, it is **482755**.

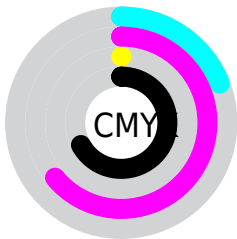
Distribution



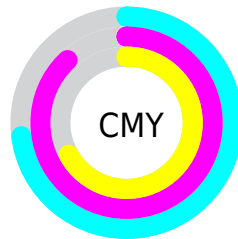
- Red (27%)
- Green (12%)
- Blue (33%)



- Red (27%)
- Yellow (12%)
- Blue (33%)



- Cyan (19%)
- Magenta (64%)
- Yellow (0%)
- Black (67%)



- Cyan (73%)
- Magenta (88%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 451F55 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 451F55 by changing the saturation by 10% instead.

■ 451F55

■ 451F55

FFFFFF

■ 2D083E

■ 774D87

■ 1C0028

■ 9166A1

■ 000111

■ AC7FBD

■ 000000

■ C89AD8

■ E4B5F5

■ FFD0FF

■ FFEDFF

■ 451F55

■ 451F55

■ 421655

■ 482755

■ 400E55

■ 4A3055

■ 3D0555

■ 4D3955

■ 3C0055

■ 4F4155

■ 524A55

■ 545255

■ 575A55

■ 596355

■ 5C6B55

Harmonies

Analogous

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



0D2D65



451F55



5B103C

Triad

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



451F55



452A00



003C40

Complementary

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



451F55



2F551F

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.



003B23



451F55



2C3300

Square

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



451F55



571D02



033804



003A59

Rectangle

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



451F55



600C29



033804



003C37

Sweetspot

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



451F55



67596E



1F2F55



342B38



B8B8B8



383838

Same Dimension

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



451F55



551A6E



551F4A



2A272B



4B006B



A500EB

Inverse Universe

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



551F2F



6E1A33



1F552A



2B2728



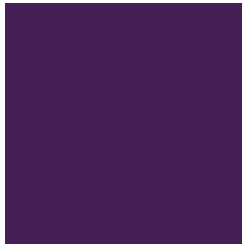
6B0020



EB0046

Previews

White Background



This preview shows how the Hex color 451F55 looks on a white background.

Color Contrast Check

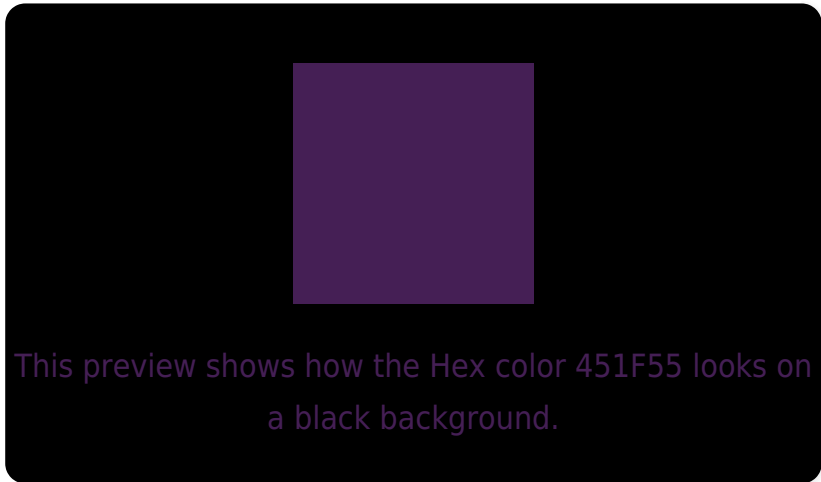
Large Text (above 18pt) WCAG AA ✓ Pass

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

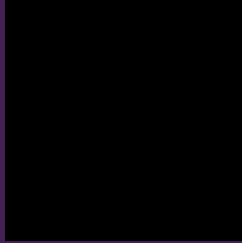
Any Text WCAG AA × Fail

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 451F55 Background



This preview shows how black text looks on a background with the Hex color 451F55.



This preview shows how white text looks on a background with the Hex color 451F55.

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
451F55

Protanopia
002F63

Deuteranopia
193152



Tritanopia
3F2B2E

Trichromacy



Original Color
451F55

Protanomaly
19295E

Deuteranomaly
292A53

Tritanomaly
41273C

Monochromacy



Original Color
451F55

Achromatopsia
313131

Achromatomaly
382A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 451F55 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 #451F55 looks like.

```
.text, #text, p{  
    color:#451F55  
}
```

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 #451F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #451F55  
}
```

Border

The CSS property to change the border of an element to Hex 451F55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

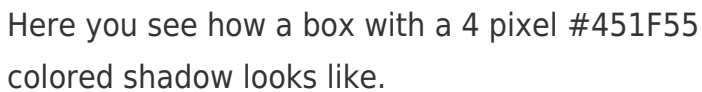
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#451F55 }
```

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

```
.border{ border-color:#451F55 }
```

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



Here you see how a box with a 4 pixel #451F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #451F55; -webkit-box-shadow:4px 4px  
4px 4px #451F55; box-shadow:4px 4px 4px  
4px #451F55 }
```

Background

The CSS property to change the background color of an element to Hex 451F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#451F55 }
```

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

```
.background{ background-color:#451F55 }
```

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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