

Converting Colors

Hex(4D215D)

Have a look what the booklet for
Hex(4D215D) contains.

Hex(4D215D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4D215D)

Conversions

Conversions Part 1

Format	Color
Hex	4D215D
RGB	77, 33, 93
RGB Percent	30%, 13%, 36%
CMY	0.6980, 0.8706, 0.6353
CMYK	0.17, 0.65, 0.00, 0.64
HSL	284°, 48%, 25%
HSV	284°, 65%, 36%
XYZ	5.5802, 3.4558, 10.7289
YIQ	52.9960, 6.9640, 27.9880

Conversions

Conversions Part 2

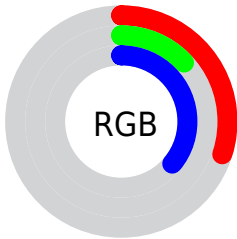
Format	Color
R_{YB}	77, 33, 93
Decimal	5054813
CIE _{Lab}	21.78, 31.47, -27.23
CIE _{LCh}	22, 41.615, 319.128
Yxy	3.4558, 0.2823, 0.1748
Android (android.graphics.Color)	4283244893 (0xFF4D215D)
YUV	52.9960, 19.7220, 21.0515
Hunter-Lab	18.5898, 21.0492, -21.2056

Details

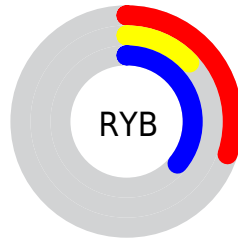
The Hex color **4D215D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **315D21**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **805090**, and **21002F** is the 20% darker color. If you saturate the color by 10%, you get **4B185D**, and if you desaturate by 10%, it is **4F2A5D**.

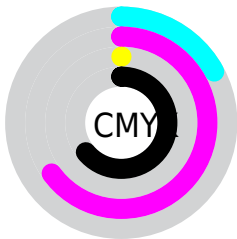
Distribution



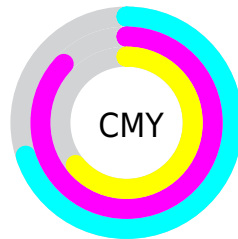
- Red (30%)
- Green (13%)
- Blue (36%)



- Red (30%)
- Yellow (13%)
- Blue (36%)



- Cyan (17%)
- Magenta (65%)
- Yellow (0%)
- Black (64%)



- Cyan (70%)
- Magenta (87%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D215D 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 4D215D by changing the saturation by 10% instead.

■ 4D215D

■ 4D215D

FFFFFF

■ 350945

■ 805090

■ 21002F

■ 9B69AA

■ 000119

■ B683C6

■ 000000

■ D29DE2

■ EFB8FF

■ FFD4FF

■ FFF1FF

■ 4D215D

■ 4D215D

■ 4B185D

■ 4F2A5D

■ 480E5D

■ 52345D

■ 46055D

■ 543D5D

■ 44005D

■ 57465D

■ 59505D

■ 5C595D

■ 5E625D

■ 616B5D

■ 63755D

Harmonies

Analogous

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



10316F



4D215D



650F41

Triad

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



4D215D



4B2F00



004248

Complementary

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



4D215D



315D21

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.



004128



4D215D



2F3900

Square

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



4D215D



5F2001



003E05



004063

Rectangle

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



4D215D



690B2C



003E05



00413D

Sweetspot

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



4D215D



726178



21315D



392F3D



BDBDBD



3D3D3D

Same Dimension

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



4D215D



5F1C78



5D214F



2D292E



50006E



AE00ED

Inverse Universe

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



5D2131



781C34



215D2F



2E292B



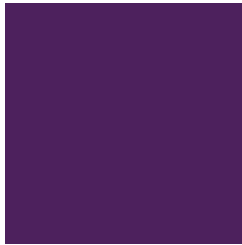
6E001D



ED003F

Previews

White Background



This preview shows how the Hex color 4D215D looks on a white background.

Color Contrast Check

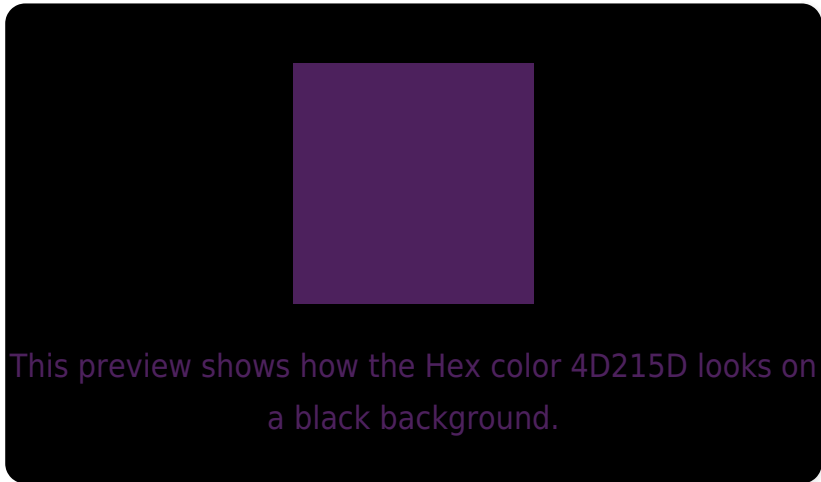
Large Text (above 18pt) WCAG AA ✓ Pass

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

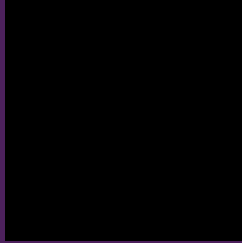
Any Text WCAG AA × Fail

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 4D215D Background



This preview shows how black text looks on a background with the Hex color 4D215D.

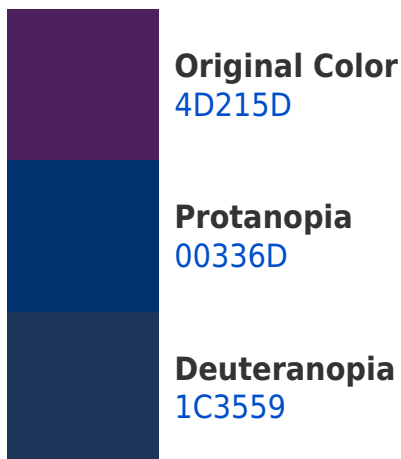


This preview shows how white text looks on a background with the Hex color 4D215D.

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





Tritanopia
472E32

Trichromacy



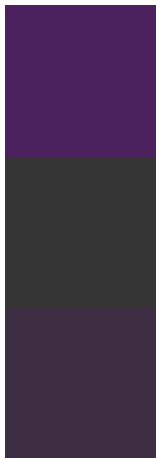
Original Color
4D215D

Protanomaly
1C2C67

Deuteranomaly
2E2E5A

Tritanomaly
492942

Monochromacy



Original Color
4D215D

Achromatopsia
353535

Achromatomaly
3E2E44

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D215D 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 #4D215D looks like.

```
.text, #text, p{  
    color:#4D215D  
}
```

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 #4D215D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D215D
}
```

Border

The CSS property to change the border of an element to Hex 4D215D is called "border". The border property can be set on classes, ids or directly on the HTML element.

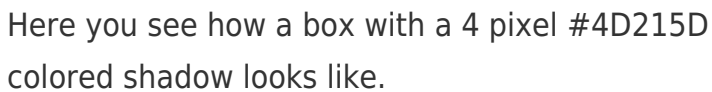
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D215D }
```

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

```
.border{ border-color:#4D215D }
```

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



Here you see how a box with a 4 pixel #4D215D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D215D; -webkit-box-shadow:4px 4px  
4px 4px #4D215D; box-shadow:4px 4px 4px  
4px #4D215D }
```

Background

The CSS property to change the background color of an element to Hex 4D215D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D215D }
```

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

```
.background{ background-color:#4D215D }
```

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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