

Converting Colors

Hex(412155)

Have a look what the booklet for
Hex(412155) contains.

Hex(412155)	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(412155)

Conversions

Conversions Part 1

Format	Color
Hex	412155
RGB	65, 33, 85
RGB Percent	25%, 13%, 33%
CMY	0.7451, 0.8706, 0.6667
CMYK	0.24, 0.61, 0.00, 0.67
HSL	277°, 44%, 23%
HSV	277°, 61%, 33%
XYZ	4.3635, 2.8674, 8.9178
YIQ	48.4960, 2.3800, 22.9560

Conversions

Conversions Part 2

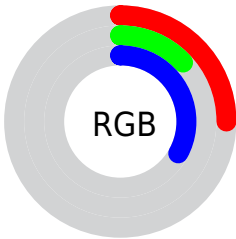
Format	Color
RYB	65, 33, 85
Decimal	4268373
CIELab	19.50, 26.00, -25.64
CIELCh	20, 36.513, 315.395
Yxy	2.8674, 0.2702, 0.1776
Android (android.graphics.Color)	4282458453 (0xFF412155)
YUV	48.4960, 17.9965, 14.4740
Hunter-Lab	16.9334, 16.3636, -19.3711

Details

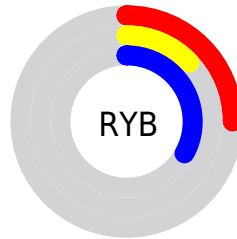
The Hex color **412155** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **355521**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **734F87**, and **180028** is the 20% darker color. If you saturate the color by 10%, you get **3E1955**, and if you desaturate by 10%, it is **442955**.

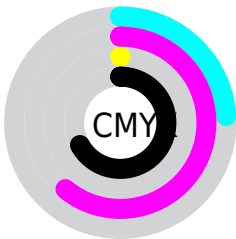
Distribution



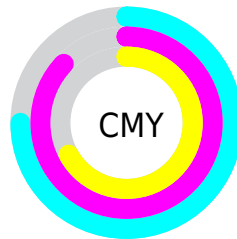
- Red (25%)
- Green (13%)
- Blue (33%)



- Red (25%)
- Yellow (13%)
- Blue (33%)



- Cyan (24%)
- Magenta (61%)
- Yellow (0%)
- Black (67%)



- Cyan (75%)
- Magenta (87%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412155 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 412155 by changing the saturation by 10% instead.



412155



412155

FFFFFF



290B3E



734F87



180028



8D67A1



000111



A781BD



000000



C39BD8



DFB6F5



FCD2FF



FFEEFF



412155



412155

■ 3E1955

■ 442955

■ 3A1055

■ 483255

■ 370855

■ 4B3A55

■ 340055

■ 4E4355

■ 514B55

■ 555455

■ 585D55

■ 5B6555

■ 5E6D55

Harmonies

Analogous

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



042E63



412155



58133D

Triad

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



412155



462900



003B3D

Complementary

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



412155



355521

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.



003A21



412155



2F3200

Square

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



412155



561D07



0C3803



003A55

Rectangle

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



412155



5D0F2C



0C3803



003B33

Sweetspot

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



412155



665A6E



213655



332C38



B8B8B8



383838

Same Dimension

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



412155



4F1E6E



552150



2A272B



42006B



9000EB

Inverse Universe

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



552135



6E1E3C



215526



2B2729



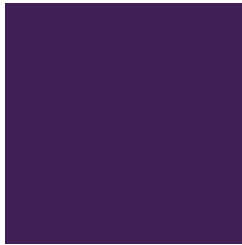
6B0029



EB005A

Previews

White Background



This preview shows how the Hex color 412155 looks on a white background.

Color Contrast Check

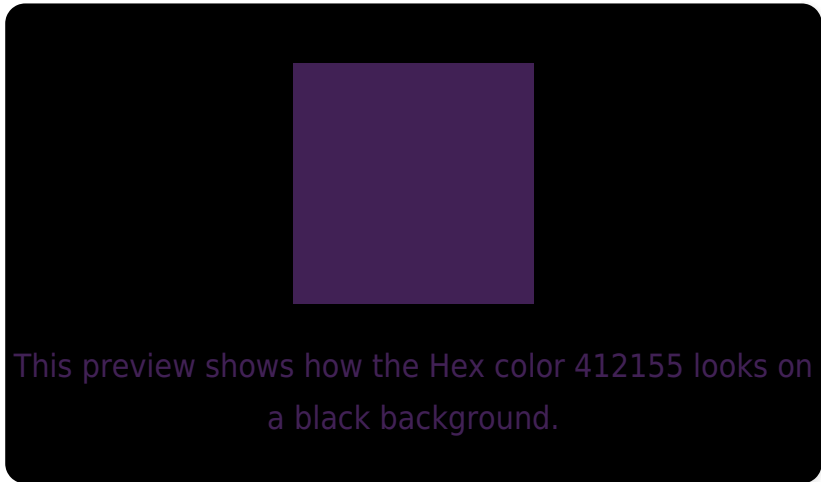
Large Text (above 18pt) WCAG AA ✓ Pass

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

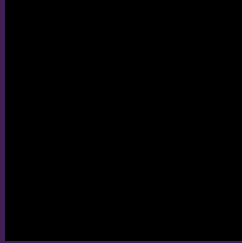
Any Text WCAG AA × Fail

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 412155 Background



This preview shows how black text looks on a background with the Hex color 412155.



This preview shows how white text looks on a background with the Hex color 412155.

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
412155

Protanopia
002E62

Deuteranopia
163052



Tritanopia
3B2C2F

Trichromacy



Original Color
412155

Protanomaly
18295D

Deuteranomaly
262B53

Tritanomaly
3D283D

Monochromacy



Original Color
412155

Achromatopsia
303030

Achromatomaly
362B3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 412155 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 #412155 looks like.

```
.text, #text, p{  
    color:#412155  
}
```

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 #412155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412155
}
```

Border

The CSS property to change the border of an element to Hex 412155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

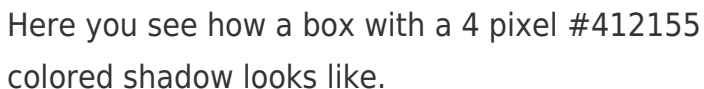
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#412155 }
```

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

```
.border{ border-color:#412155 }
```

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



Here you see how a box with a 4 pixel #412155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412155; -webkit-box-shadow:4px 4px  
4px 4px #412155; box-shadow:4px 4px 4px  
4px #412155 }
```

Background

The CSS property to change the background color of an element to Hex 412155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412155 }
```

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

```
.background{ background-color:#412155 }
```

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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