

Converting Colors

Hex(412145)

Have a look what the booklet for
Hex(412145) contains.

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Color

Hex(412145)

Conversions

Conversions Part 1

Format	Color
Hex	412145
RGB	65, 33, 69
RGB Percent	25%, 13%, 27%
CMY	0.7451, 0.8706, 0.7294
CMYK	0.06, 0.52, 0.00, 0.73
HSL	293°, 35%, 20%
HSV	293°, 52%, 27%
XYZ	3.7980, 2.6412, 5.9398
YIQ	46.6720, 7.5160, 17.9800

Conversions

Conversions Part 2

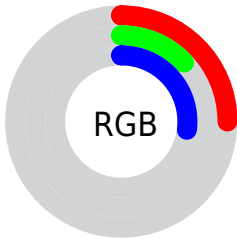
Format	Color
R_{YB}	65, 33, 69
Decimal	4268357
CIE _{Lab}	18.55, 22.04, -16.29
CIE _{LCh}	19, 27.404, 323.525
Yxy	2.6412, 0.3068, 0.2134
Android (android.graphics.Color)	4282458437 (0xFF412145)
YUV	46.6720, 11.0077, 16.0737
Hunter-Lab	16.2518, 13.2745, -10.2936

Details

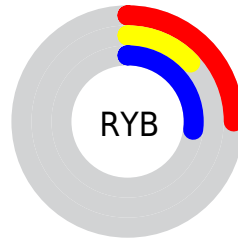
The Hex color **412145** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **254521**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **724F75**, and **15001A** is the 20% darker color. If you saturate the color by 10%, you get **401A45**, and if you desaturate by 10%, it is **422845**.

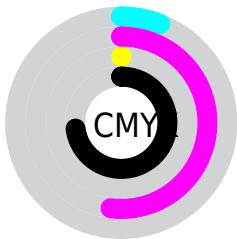
Distribution



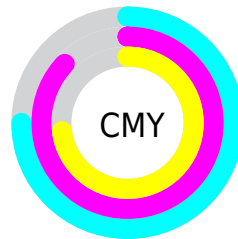
- Red (25%)
- Green (13%)
- Blue (27%)



- Red (25%)
- Yellow (13%)
- Blue (27%)



- Cyan (6%)
- Magenta (52%)
- Yellow (0%)
- Black (73%)



- Cyan (75%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412145 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 412145 by changing the saturation by 10% instead.

■ 412145

■ 412145

FFFFFF

■ 2A0C2F

■ 724F75

■ 15001A

■ 8C678F

■ 000000

■ A680AA

■ C29AC5

■ DEB5E1

■ FBD1FE

■ FFEDFF

■ 412145

■ 412145

■ 401A45

■ 422845

■ 3F1345

■ 432F45

■ 3F0C45

■ 433645

■ 3E0545

■ 443D45

■ 3D0045

■ 454445

■ 464A45

■ 465145

■ 475845

■ 485F45

Harmonies

Analogous

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



252A52



412145



4F1B32

Triad

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



412145



3B2B00



00373C

Complementary

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



412145



254521

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.



003628



412145



293103

Square

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



412145



49230D



0E3414



00354D

Rectangle

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



412145



511A25



0E3414



003736

Sweetspot

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



412145



584B59



212545



2D252E



ADADAD



2E2E2E

Same Dimension

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



412145



532159



452137



232024



580063



CA00E3

Inverse Universe

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



452125



592127



21452F



242021



63000B



E30019

Previews

White Background



This preview shows how the Hex color 412145 looks on a white background.

Color Contrast Check

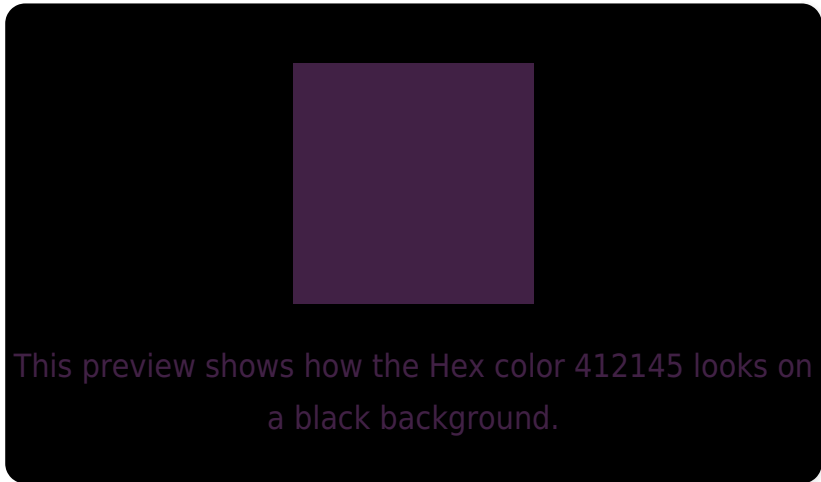
Large Text (above 18pt) WCAG AA ✓ Pass

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

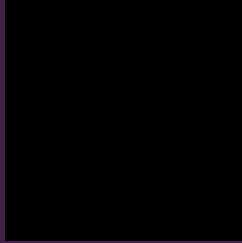
Any Text WCAG AA × Fail

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 412145 Background



This preview shows how black text looks on a background with the Hex color 412145.



This preview shows how white text looks on a background with the Hex color 412145.

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
412145

Protanopia
1E2D4F

Deuteranopia
252D43



Tritanopia
3E282B

Trichromacy



Original Color
412145

Protanomaly
2B294B

Deuteranomaly
2F2944

Tritanomaly
3F2534

Monochromacy



Original Color
412145

Achromatopsia
2F2F2F

Achromatomaly
362A37

CSS Examples

Text

The CSS property to change the color of the text to Hex 412145 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 #412145 looks like.

```
.text, #text, p{  
    color:#412145  
}
```

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 #412145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412145
}
```

Border

The CSS property to change the border of an element to Hex 412145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

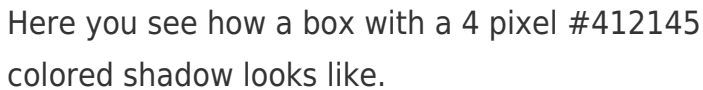
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#412145 }
```

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

```
.border{ border-color:#412145 }
```

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



Here you see how a box with a 4 pixel #412145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412145; -webkit-box-shadow:4px 4px  
4px 4px #412145; box-shadow:4px 4px 4px  
4px #412145 }
```

Background

The CSS property to change the background color of an element to Hex 412145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412145 }
```

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

```
.background{ background-color:#412145 }
```

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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