

Converting Colors

Hex(412B65)

Have a look what the booklet for
Hex(412B65) contains.

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Color

Hex(412B65)

Conversions

Conversions Part 1

Format	Color
Hex	412B65
RGB	65, 43, 101
RGB Percent	25%, 17%, 40%
CMY	0.7451, 0.8314, 0.6039
CMYK	0.36, 0.57, 0.00, 0.60
HSL	263°, 40%, 28%
HSV	263°, 57%, 40%
XYZ	5.3928, 3.7912, 12.7595
YIQ	56.1900, -5.5060, 22.7020

Conversions

Conversions Part 2

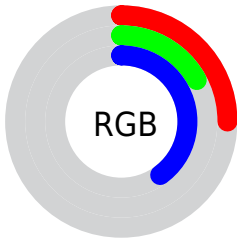
Format	Color
R_{YB}	65, 43, 101
Decimal	4270949
CIE _{Lab}	22.97, 24.16, -30.68
CIE _{LCh}	23, 39.055, 308.219
Yxy	3.7912, 0.2458, 0.1728
Android (android.graphics.Color)	4282461029 (0xFF412B65)
YUV	56.1900, 22.0913, 7.7264
Hunter-Lab	19.4709, 15.3647, -25.2236

Details

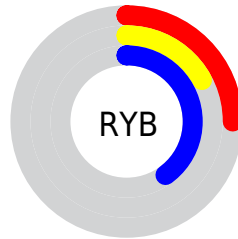
The Hex color **412B65** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4F652B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **735998**, and **140036** is the 20% darker color. If you saturate the color by 10%, you get **3B2165**, and if you desaturate by 10%, it is **473565**.

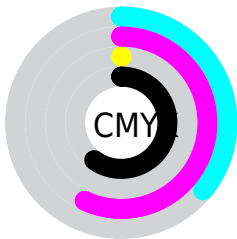
Distribution



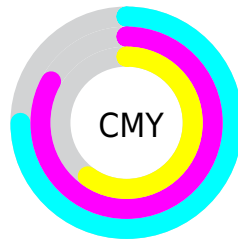
- Red (25%)
- Green (17%)
- Blue (40%)



- Red (25%)
- Yellow (17%)
- Blue (40%)



- Cyan (36%)
- Magenta (57%)
- Yellow (0%)
- Black (60%)



- Cyan (75%)
- Magenta (83%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412B65 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 412B65 by changing the saturation by 10% instead.

■ 412B65

■ 412B65

FFFFFF

■ 29164D

■ 735998

■ 140036

■ 8D72B3

■ 000220

■ A88CCF

■ 000003

■ C4A6EB

■ 000000

■ E0C1FF

■ FDDDFD

■ FFFAFF

■ 412B65

■ 412B65

■ 3B2165

■ 473565

■ 341765

■ 4E3F65

■ 2E0D65

■ 544965

■ 280365

■ 5A5365

■ 260065

■ 605E65

■ 676865

■ 6D7265

■ 737C65

■ 798665

Harmonies

Analogous

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



003871



412B65



5F1C4D

Triad

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



412B65



552D00



00443E

Complementary

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



412B65



4F652B

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.



004220



412B65



3D3800

Square

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



412B65



651F14



1C3F00



00435A

Rectangle

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



412B65



68153A



1C3F00



004334

Sweetspot

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



412B65



746C82



2B5065



3A3542



C2C2C2



424242

Same Dimension

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



412B65



4A2882



5D2B65



302E33



2C0073



5C00F2

Inverse Universe

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



652B4F



822860



33652B



332E31



730047



F20096

Previews

White Background



This preview shows how the Hex color 412B65 looks on a white background.

Color Contrast Check

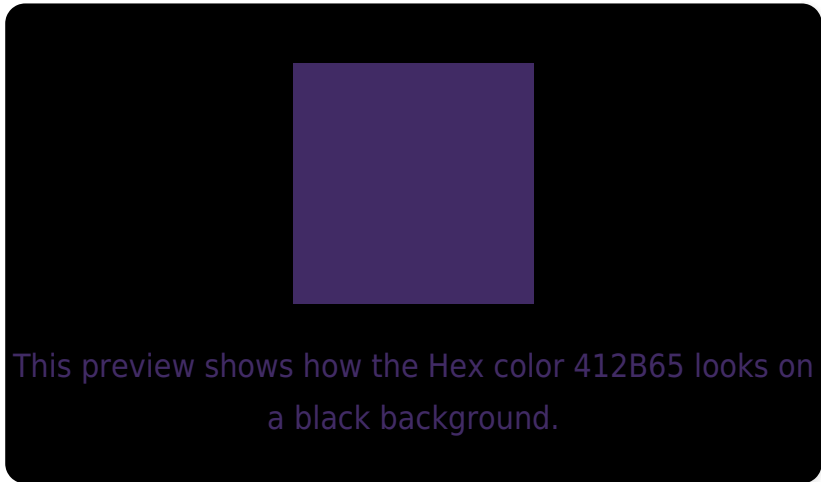
Large Text (above 18pt) WCAG AA ✓ Pass

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

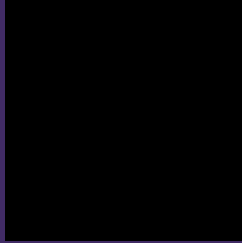
Any Text WCAG AA × Fail

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 412B65 Background



This preview shows how black text looks on a background with the Hex color 412B65.



This preview shows how white text looks on a background with the Hex color 412B65.

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
412B65

Protanopia
0C3570

Deuteranopia
0F3862



Tritanopia
38363B

Trichromacy



Original Color
412B65

Protanomaly
1F316C

Deuteranomaly
213363

Tritanomaly
3B324A

Monochromacy



Original Color
412B65

Achromatopsia
383838

Achromatomaly
3B3348

CSS Examples

Text

The CSS property to change the color of the text to Hex 412B65 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 #412B65 looks like.

```
.text, #text, p{  
    color:#412B65  
}
```

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 #412B65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412B65
}
```

Border

The CSS property to change the border of an element to Hex 412B65 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
#412B65 }
```

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

```
.border{ border-color:#412B65 }
```

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

Here you see how a box with a 4 pixel #412B65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412B65; -webkit-box-shadow:4px 4px  
4px 4px #412B65; box-shadow:4px 4px 4px  
4px #412B65 }
```

Background

The CSS property to change the background color of an element to Hex 412B65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412B65 }
```

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

```
.background{ background-color:#412B65 }
```

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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