

Converting Colors

Hex(412162)

Have a look what the booklet for
Hex(412162) contains.

Hex(412162)	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(412162)

Conversions

Conversions Part 1

Format	Color
Hex	412162
RGB	65, 33, 98
RGB Percent	25%, 13%, 38%
CMY	0.7451, 0.8706, 0.6157
CMYK	0.34, 0.66, 0.00, 0.62
HSL	270°, 50%, 26%
HSV	270°, 66%, 38%
XYZ	4.9284, 3.0934, 11.8926
YIQ	49.9780, -1.7930, 26.9990

Conversions

Conversions Part 2

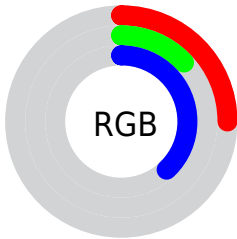
Format	Color
RYB	65, 33, 98
Decimal	4268386
CIELab	20.41, 29.49, -32.82
CIElCh	20, 44.124, 311.943
Yxy	3.0934, 0.2475, 0.1553
Android (android.graphics.Color)	4282458466 (0xFF412162)
YUV	49.9780, 23.6748, 13.1743
Hunter-Lab	17.5880, 19.2396, -27.7790

Details

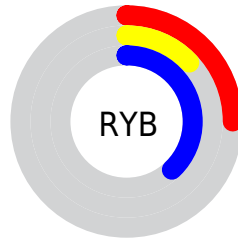
The Hex color **412162** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **426221**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **744F95**, and **170033** is the 20% darker color. If you saturate the color by 10%, you get **3C1762**, and if you desaturate by 10%, it is **462B62**.

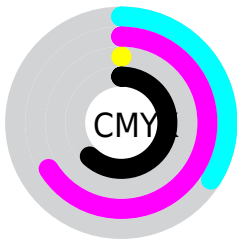
Distribution



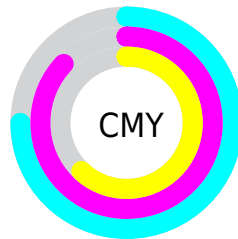
- Red (25%)
- Green (13%)
- Blue (38%)



- Red (25%)
- Yellow (13%)
- Blue (38%)



- Cyan (34%)
- Magenta (66%)
- Yellow (0%)
- Black (62%)



- Cyan (75%)
- Magenta (87%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 412162 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 412162 by changing the saturation by 10% instead.

■ 412162

■ 412162

FFFFFF

■ 290A4A

■ 744F95

■ 170033

■ 8E68B0

■ 00021D

■ A981CC

■ 000000

■ C59CE8

■ E1B7FF

■ FED3FF

■ FFEFFF

■ 412162

■ 412162

■ 3C1762

■ 462B62

■ 370D62

■ 4B3562

■ 320462

■ 503E62

■ 300062

■ 554862

■ 5A5262

■ 5F5C62

■ 646662

■ 696F62

■ 6E7962

Harmonies

Analogous

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



003172



412162



600846

Triad

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



412162



4D2800



003F3E

Complementary

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



412162



426221

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.



003E1C



412162



323400

Square

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



412162



611603



093A00



003E5C

Rectangle

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



412162



680031



093A00



003E33

Sweetspot

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



412162



736680



214362



383040



BFBFBF



404040

Same Dimension

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



412162



4C1980



612162



2E2C30



370070



7600F0

Inverse Universe

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



622142



80194D



226221



302C2E



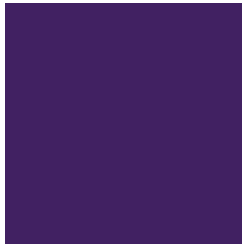
700039



F0007A

Previews

White Background



This preview shows how the Hex color 412162 looks on a white background.

Color Contrast Check

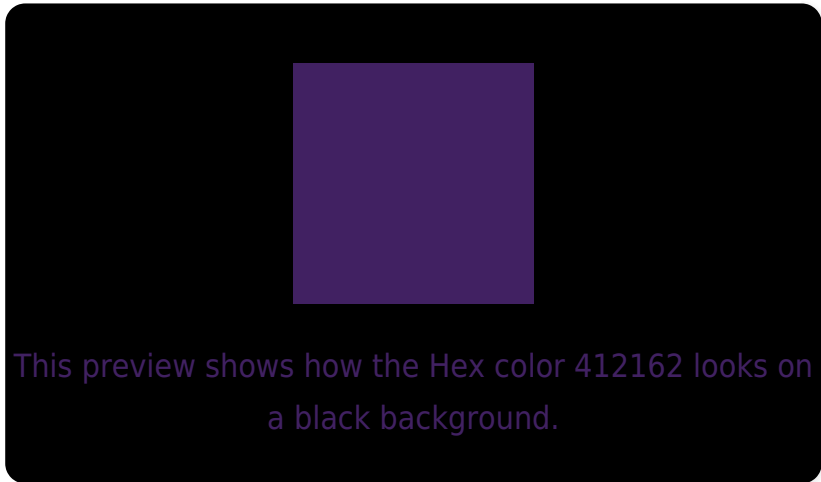
Large Text (above 18pt) WCAG AA ✓ Pass

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

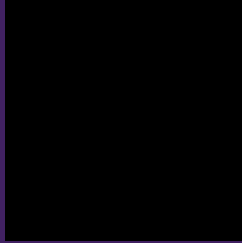
Any Text WCAG AA × Fail

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 412162 Background



This preview shows how black text looks on a background with the Hex color 412162.



This preview shows how white text looks on a background with the Hex color 412162.

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
412162

Protanopia
003066

Deuteranopia
003359



Tritanopia
383033

Trichromacy



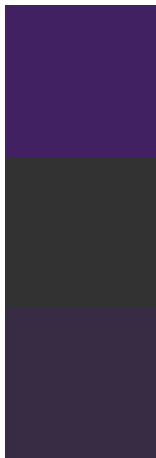
Original Color
412162

Protanomaly
182B65

Deuteranomaly
182C5C

Tritanomaly
3B2B44

Monochromacy



Original Color
412162

Achromatopsia
323232

Achromatomaly
372C43

CSS Examples

Text

The CSS property to change the color of the text to Hex 412162 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 #412162 looks like.

```
.text, #text, p{  
    color:#412162  
}
```

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 #412162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412162
}
```

Border

The CSS property to change the border of an element to Hex 412162 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
#412162 }
```

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

```
.border{ border-color:#412162 }
```

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

Here you see how a box with a 4 pixel #412162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412162; -webkit-box-shadow:4px 4px  
4px 4px #412162; box-shadow:4px 4px 4px  
4px #412162 }
```

Background

The CSS property to change the background color of an element to Hex 412162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412162 }
```

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

```
.background{ background-color:#412162 }
```

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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