

Converting Colors

Hex(402286)

Have a look what the booklet for
Hex(402286) contains.

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Color

Hex(402286)

Conversions

Conversions Part 1

Format	Color
Hex	402286
RGB	64, 34, 134
RGB Percent	25%, 13%, 53%
CMY	0.7490, 0.8667, 0.4745
CMYK	0.52, 0.75, 0.00, 0.47
HSL	258°, 60%, 33%
HSV	258°, 75%, 53%
XYZ	6.9895, 3.9553, 22.9493
YIQ	54.3700, -14.2200, 37.4600

Conversions

Conversions Part 2

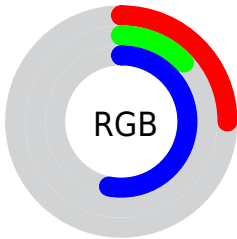
Format	Color
R _Y B	64, 34, 134
Decimal	4203142
CIE Lab	23.52, 39.12, -50.88
CIE LCh	24, 64.181, 307.555
Yxy	3.9553, 0.2062, 0.1167
Android (android.graphics.Color)	4282393222 (0xFF402286)
YUV	54.3700, 39.2576, 8.4455
Hunter-Lab	19.8879, 27.9288, -54.4953

Details

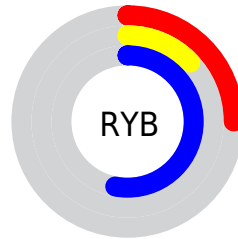
The Hex color **402286** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **688622**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **7752BC**, and **000053** is the 20% darker color. If you saturate the color by 10%, you get **371586**, and if you desaturate by 10%, it is **492F86**.

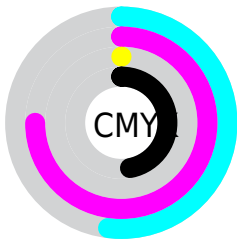
Distribution



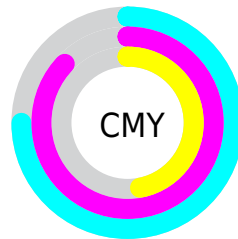
- Red (25%)
- Green (13%)
- Blue (53%)



- Red (25%)
- Yellow (13%)
- Blue (53%)



- Cyan (52%)
- Magenta (75%)
- Yellow (0%)
- Black (47%)



- Cyan (75%)
- Magenta (87%)
- Yellow (47%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 402286 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 402286 by changing the saturation by 10% instead.

■ 402286

■ 402286

FFFFFF

■ 230A6C

■ 7752BC

■ 000053

■ 926AD8

■ 00003B

■ AF84F5

■ 000224

■ CB9FFF

■ 00000D

■ E8BAFF

■ 000000

■ FFD6FF

■ FFF3FF

■ 402286

■ 402286

■ 371586

■ 492F86

■ 2D0786

■ 533D86

■ 280086

■ 5C4A86

■ 665886

■ 6F6586

■ 787286

■ 828086

■ 8B8D86

■ 949B86

Harmonies

Analogous

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



003C9A



402286



77005E

Triad

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



402286



622600



004A44

Complementary

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



402286



688622

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.



00480E



402286



3B3A00

Square

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



402286



7D0000



004400



004A73

Rectangle

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



402286



85003E



004400



004933

Sweetspot

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



402286



9387AD



226886



474057



D6D6D6



575757

Same Dimension

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



402286



4011AD



722286



3E3C42



270082



010003

Inverse Universe

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



862268



AD117F



368622



423C40



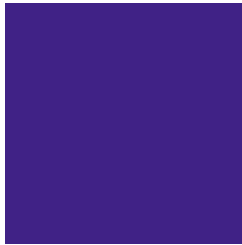
82005B



030002

Previews

White Background



This preview shows how the Hex color 402286 looks on a white background.

Color Contrast Check

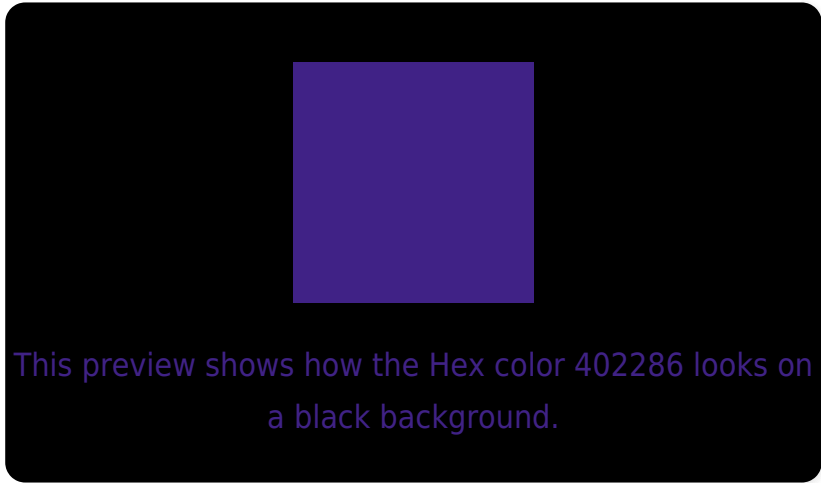
Large Text (above 18pt) WCAG AA ✓ Pass

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

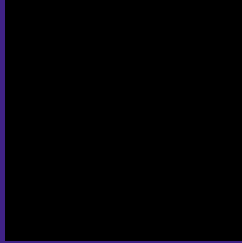
Any Text WCAG AA × Fail

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 402286 Background



This preview shows how black text looks on a background with the Hex color 402286.



This preview shows how white text looks on a background with the Hex color 402286.

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
402286

Protanopia
003773

Deuteranopia
003A63



Tritanopia
2A3B40

Trichromacy



Original Color
402286

Protanomaly
172F7A

Deuteranomaly
173170

Tritanomaly
323259

Monochromacy



Original Color
402286

Achromatopsia
363636

Achromatomaly
3A2F53

CSS Examples

Text

The CSS property to change the color of the text to Hex 402286 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 #402286 looks like.

```
.text, #text, p{  
    color:#402286  
}
```

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 #402286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402286
}
```

Border

The CSS property to change the border of an element to Hex 402286 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
#402286 }
```

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

```
.border{ border-color:#402286 }
```

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

Here you see how a box with a 4 pixel #402286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402286; -webkit-box-shadow:4px 4px  
4px 4px #402286; box-shadow:4px 4px 4px  
4px #402286 }
```

Background

The CSS property to change the background color of an element to Hex 402286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402286 }
```

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

```
.background{ background-color:#402286 }
```

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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