

Converting Colors

Hex(C42E96)

Have a look what the booklet for
Hex(C42E96) contains.

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Color

Hex(C42E96)

Conversions

Conversions Part 1

Format	Color
Hex	C42E96
RGB	196, 46, 150
RGB Percent	77%, 18%, 59%
CMY	0.2314, 0.8196, 0.4118
CMYK	0.00, 0.77, 0.23, 0.23
HSL	318°, 62%, 47%
HSV	318°, 77%, 77%
XYZ	29.2470, 15.8918, 30.3801
YIQ	102.7060, 56.0160, 64.1440

Conversions

Conversions Part 2

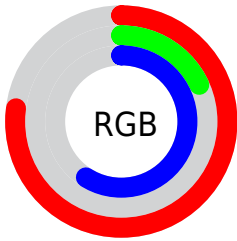
Format	Color
R_{YB}	196, 46, 150
Decimal	12856982
CIE _{Lab}	46.83, 66.73, -22.36
CIE _{LCh}	47, 70.377, 341.477
Yxy	15.8918, 0.3873, 0.2104
Android (android.graphics.Color)	4291047062 (0xFFC42E96)
YUV	102.7060, 23.3159, 81.8188
Hunter-Lab	39.8645, 61.1955, -17.2789

Details

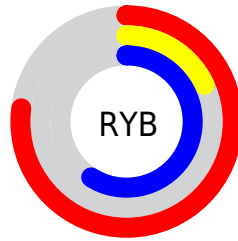
The Hex color **C42E96** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **2EC45C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF6BCC**, and **8A0063** is the 20% darker color. If you saturate the color by 10%, you get **C41A90**, and if you desaturate by 10%, it is **C4429C**.

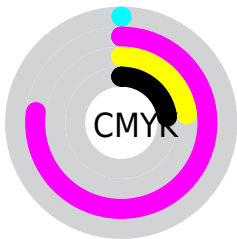
Distribution



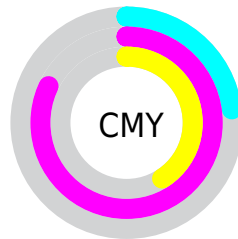
- Red (77%)
- Green (18%)
- Blue (59%)



- Red (77%)
- Yellow (18%)
- Blue (59%)



- Cyan (0%)
- Magenta (77%)
- Yellow (23%)
- Black (23%)



- Cyan (23%)
- Magenta (82%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color C42E96 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 C42E96 by changing the saturation by 10% instead.

 C42E96

 C42E96

FFFFFF

 A7007C

 FF6BCC

 8A0063

 FF88E9

 6D004B

 FFA5FF

 520034

 FFC2FF

 37001F

 FFDFFF

 160000

 FFFDFF

 000000

 C42E96

 C42E96

 C41A90

 C4429C

 C4078A

 C455A2

 C40088

 C469A8

 C47CAE

 C490B4

 C4A4BA

 C4B7C0

 C4CBC6

 C4DECC

Harmonies

Analogous

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



8C53C9



C42E96



D51F5B

Triad

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



C42E96



727400



0087BD

Complementary

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



C42E96



2EC45C

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.



008885



C42E96



298000

Square

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



C42E96



A45E00



008647



0080E0

Rectangle

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



C42E96



CF3335



008647



0088AC

Sweetspot

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



C42E96



FFC4ED



5B2EC4



805C75



000000



808080

Same Dimension

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



C42E96



FF14B7



C42E4C



61575E



A1006F



210017

Inverse Universe

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



C42E96



FF14B7



2EC4A6



61575E



A1006F



210017

Previews

White Background



This preview shows how the Hex color C42E96 looks on a white background.

Color Contrast Check

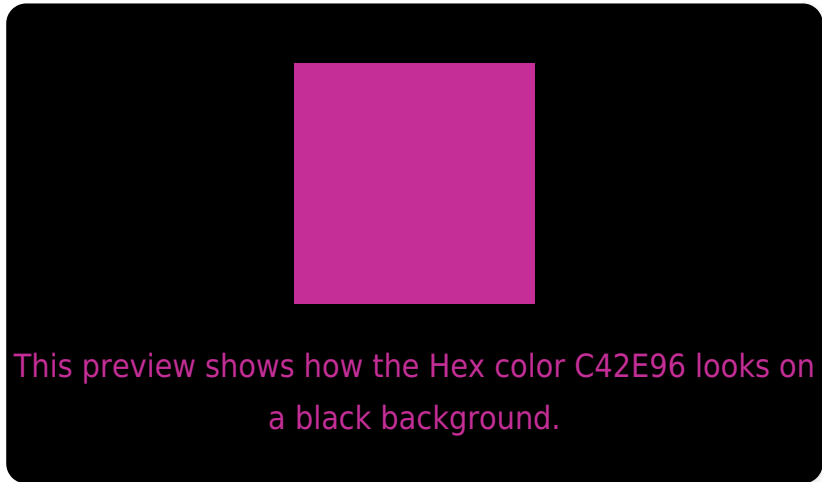
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 C42E96 Background



This preview shows how black text looks on a background with the Hex color C42E96.



This preview shows how white text looks on a background with the Hex color C42E96.

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





Tritanopia
BE474B

Trichromacy



Original Color
C42E96



Protanomaly
7456B5



Deuteranomaly
8B5791



Tritanomaly
C03E66

Monochromacy



Original Color
C42E96



Achromatopsia
676767



Achromatomaly
895278

CSS Examples

Text

The CSS property to change the color of the text to Hex C42E96 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 #C42E96 looks like.

```
.text, #text, p{  
    color:#C42E96  
}
```

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 #C42E96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C42E96
}
```

Border

The CSS property to change the border of an element to Hex C42E96 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
#C42E96 }
```

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

```
.border{ border-color:#C42E96 }
```

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

Here you see how a box with a 4 pixel #C42E96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C42E96; -webkit-box-shadow:4px 4px  
4px 4px #C42E96; box-shadow:4px 4px 4px  
4px #C42E96 }
```

Background

The CSS property to change the background color of an element to Hex C42E96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C42E96 }
```

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

```
.background{ background-color:#C42E96 }
```

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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