

Converting Colors

Hex(C42566)

Have a look what the booklet for
Hex(C42566) contains.

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Color

Hex(C42566)

Conversions

Conversions Part 1

Format	Color
Hex	C42566
RGB	196, 37, 102
RGB Percent	77%, 15%, 40%
CMY	0.2314, 0.8549, 0.6000
CMYK	0.00, 0.81, 0.48, 0.23
HSL	335°, 68%, 46%
HSV	335°, 81%, 77%
XYZ	25.8248, 14.0182, 13.9150
YIQ	91.9510, 73.8990, 53.9230

Conversions

Conversions Part 2

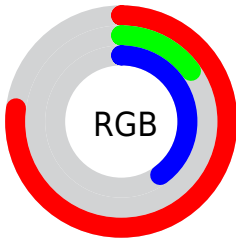
Format	Color
R_{YB}	196, 37, 102
Decimal	12854630
CIE Lab	44.26, 64.11, 3.15
CIE LCh	44, 64.185, 2.817
Yxy	14.0182, 0.4804, 0.2608
Android (android.graphics.Color)	4291044710 (0xFFC42566)
YUV	91.9510, 4.9542, 91.2510
Hunter-Lab	37.4409, 57.5985, 4.1733

Details

The Hex color **C42566** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **25C483**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6499**, and **880038** is the 20% darker color. If you saturate the color by 10%, you get **C4115A**, and if you desaturate by 10%, it is **C43972**.

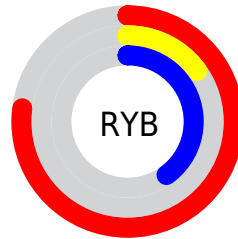
Distribution



Red (77%)

Green (15%)

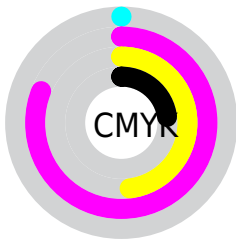
Blue (40%)



Red (77%)

Yellow (15%)

Blue (40%)

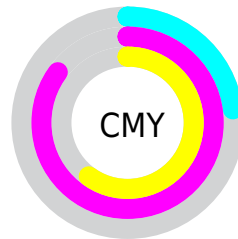


Cyan (0%)

Magenta (81%)

Yellow (48%)

Black (23%)



Cyan (23%)

Magenta (85%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color C42566 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 C42566 by changing the saturation by 10% instead.

 C42566

 C42566

FFFFFF

 A6004E

 FF6499

 880038

 FF81B3

 6B0023

 FF9DCF

 4E000C

 FFBAEB

 320002

 FFD7FF

 000000

 FFF5FF

 C42566

 C42566

 C4115A

 C43972

 C40050

 C44C7D

 C46089

 C47394

 C487A0

 C49BAC

 C4AEB7

 C4C2C3

 C4D5CE

Harmonies

Analogous

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



AB3A9A



C42566



BF3632

Triad

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



C42566



437600



007BC8

Complementary

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



C42566



25C483

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.



007FA1



C42566



007D34

Square

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



C42566



7B6800



00806C



006ED4

Rectangle

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



C42566



AF4A0C



00806C



007DBE

Sweetspot

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



C42566



FFC2DB



8225C4



805B6A



000000



808080

Same Dimension

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



C42566



FF086D



C43225



61575B



A10042



21000E

Inverse Universe

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



C42566



FF086D



25B7C4



61575B



A10042



21000E

Previews

White Background



This preview shows how the Hex color C42566 looks on a white background.

Color Contrast Check

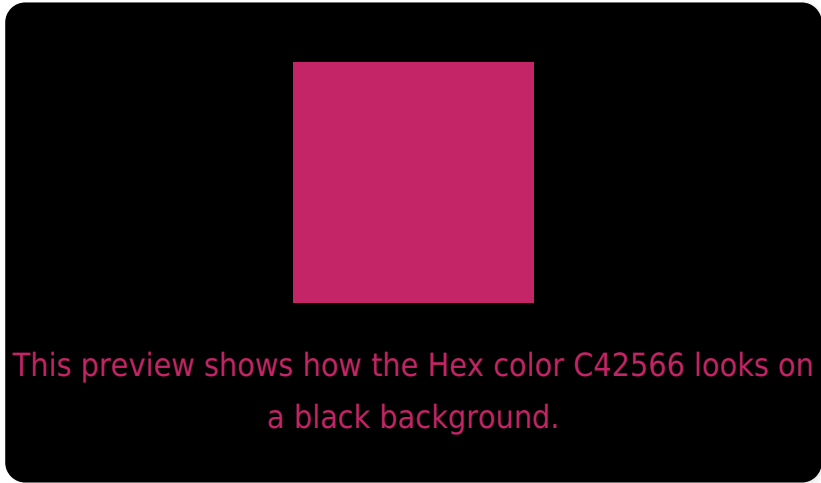
Large Text (above 18pt) WCAG AA ✓ Pass

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 C42566 Background



This preview shows how black text looks on a background with the Hex color C42566.



This preview shows how white text looks on a background with the Hex color C42566.

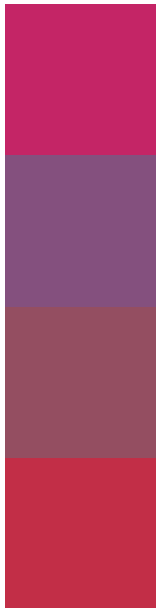
Color Blindness Simulation

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



Trichromacy



Original Color
C42566

Protanomaly
84507E

Deuteranomaly
944E61

Tritanomaly
C22E47

Monochromacy



Original Color
C42566

Achromatopsia
5C5C5C

Achromatomaly
824860

CSS Examples

Text

The CSS property to change the color of the text to Hex C42566 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 #C42566 looks like.

```
.text, #text, p{  
    color:#C42566  
}
```

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 #C42566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C42566
}
```

Border

The CSS property to change the border of an element to Hex C42566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

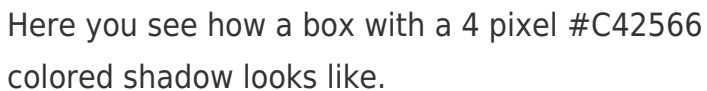
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C42566 }
```

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

```
.border{ border-color:#C42566 }
```

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



Here you see how a box with a 4 pixel #C42566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C42566; -webkit-box-shadow:4px 4px  
4px 4px #C42566; box-shadow:4px 4px 4px  
4px #C42566 }
```

Background

The CSS property to change the background color of an element to Hex C42566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C42566 }
```

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

```
.background{ background-color:#C42566 }
```

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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