

Converting Colors

Hex(C42455)

Have a look what the booklet for
Hex(C42455) contains.

Hex(C42455)	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(C42455)

Conversions

Conversions Part 1

Format	Color
Hex	C42455
RGB	196, 36, 85
RGB Percent	77%, 14%, 33%
CMY	0.2314, 0.8588, 0.6667
CMYK	0.00, 0.82, 0.57, 0.23
HSL	342°, 69%, 45%
HSV	342°, 82%, 77%
XYZ	25.0355, 13.6534, 9.9102
YIQ	89.4260, 79.6310, 49.1590

Conversions

Conversions Part 2

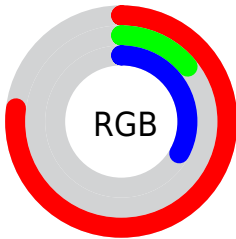
Format	Color
R_{YB}	196, 36, 85
Decimal	12854357
CIE _{Lab}	43.73, 63.05, 13.02
CIE _{LCh}	44, 64.377, 11.669
Yxy	13.6534, 0.5151, 0.2809
Android (android.graphics.Color)	4291044437 (0xFFC42455)
YUV	89.4260, -2.1820, 93.4654
Hunter-Lab	36.9505, 56.2779, 9.9637

Details

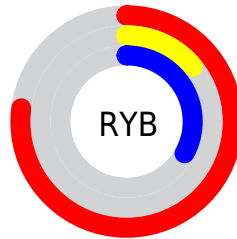
The Hex color **C42455** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **24C493**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6386**, and **870029** is the 20% darker color. If you saturate the color by 10%, you get **C41047**, and if you desaturate by 10%, it is **C43863**.

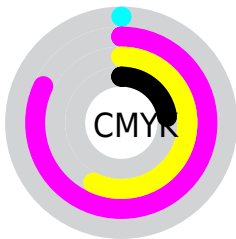
Distribution



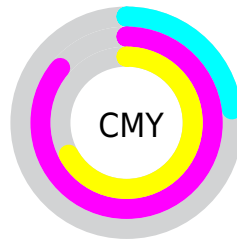
- Red (77%)
- Green (14%)
- Blue (33%)



- Red (77%)
- Yellow (14%)
- Blue (33%)



- Cyan (0%)
- Magenta (82%)
- Yellow (57%)
- Black (23%)



- Cyan (23%)
- Magenta (86%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color C42455 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 C42455 by changing the saturation by 10% instead.

 C42455

 C42455

FFFFFF

 A6003E

 FF6386

 870029

 FF7FA0

 690015

 FF9CBB

 4D0002

 FFB9D7

 2F0002

 FFD6F3

 000000

 FFF4FF

 C42455

 C42455

 C41047

 C43863

 C4003C

 C44B70

 C45F7E

 C4728B

 C48699

 C49AA7

 C4ADB4

 C4C1C2

 C4D4CF

Harmonies

Analogous

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



B52F8A



C42455



B83D21

Triad

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



C42455



297700



0076CD

Complementary

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



C42455



24C493

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.



007DAE



C42455



007D43

Square

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



C42455



6B6C00



007F7C



0067D1

Rectangle

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



C42455



A45000



007F7C



007AC6

Sweetspot

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



C42455



FFC2D5



9124C4



805B66



000000



808080

Same Dimension

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



C42455



FF0552



C44124



61575A



A10031



21000A

Inverse Universe

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



C42455



FF0552



24A7C4



61575A



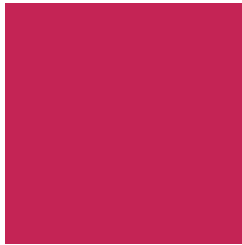
A10031



21000A

Previews

White Background



This preview shows how the Hex color C42455 looks on a white background.

Color Contrast Check

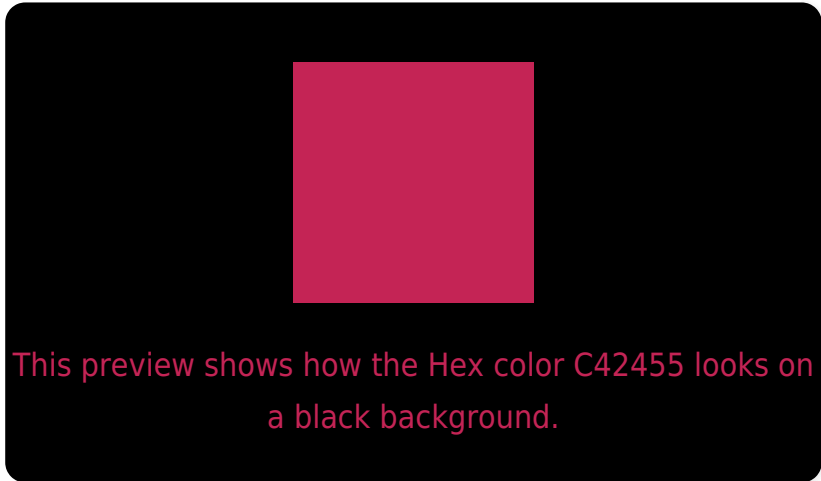
Large Text (above 18pt) WCAG AA ✓ Pass

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 C42455 Background



This preview shows how black text looks on a background with the Hex color C42455.



This preview shows how white text looks on a background with the Hex color C42455.

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
C42455

Protanopia
666876

Deuteranopia
7B644D



Trichromacy



Original Color
C42455

Protanomaly
884F6A

Deuteranomaly
964D50

Tritanomaly
C32A3D

Monochromacy



Original Color
C42455

Achromatopsia
595959

Achromatomaly
804658

CSS Examples

Text

The CSS property to change the color of the text to Hex C42455 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 #C42455 looks like.

```
.text, #text, p{  
    color:#C42455  
}
```

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 #C42455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C42455
}
```

Border

The CSS property to change the border of an element to Hex C42455 is called "border". The border property can be set on classes, ids or directly on the HTML element.

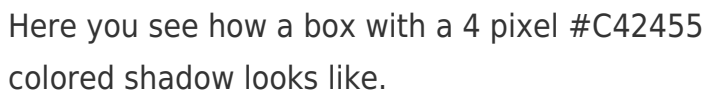
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C42455 }
```

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

```
.border{ border-color:#C42455 }
```

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



Here you see how a box with a 4 pixel `#C42455` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C42455; -webkit-box-shadow:4px 4px  
4px 4px #C42455; box-shadow:4px 4px 4px  
4px #C42455 }
```

Background

The CSS property to change the background color of an element to Hex C42455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C42455 }
```

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

```
.background{ background-color:#C42455 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor