

Converting Colors

Hex(CA2366)

Have a look what the booklet for
Hex(CA2366) contains.

Hex(CA2366)	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(CA2366)

Conversions

Conversions Part 1

Format	Color
Hex	CA2366
RGB	202, 35, 102
RGB Percent	79%, 14%, 40%
CMY	0.2078, 0.8627, 0.6000
CMYK	0.00, 0.83, 0.50, 0.21
HSL	336°, 70%, 46%
HSV	336°, 83%, 79%
XYZ	27.3564, 14.7179, 13.9694
YIQ	92.5710, 78.0250, 56.2410

Conversions

Conversions Part 2

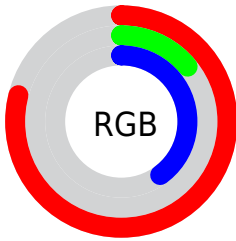
Format	Color
R_{YB}	202, 35, 102
Decimal	13247334
CIE _{Lab}	45.25, 66.14, 4.72
CIE _{LCh}	45, 66.304, 4.086
Yxy	14.7179, 0.4881, 0.2626
Android (android.graphics.Color)	4291437414 (0xFFCA2366)
YUV	92.5710, 4.6485, 95.9692
Hunter-Lab	38.3640, 60.1472, 5.2656

Details

The Hex color **CA2366** 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 **23CA87**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6499**, and **8E0038** is the 20% darker color. If you saturate the color by 10%, you get **CA0F5A**, and if you desaturate by 10%, it is **CA3772**.

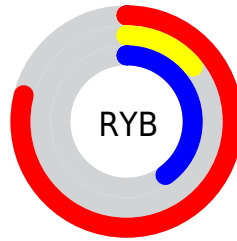
Distribution



Red (79%)

Green (14%)

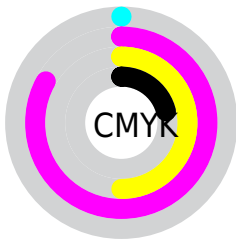
Blue (40%)



Red (79%)

Yellow (14%)

Blue (40%)

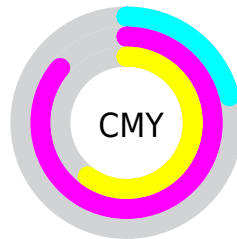


Cyan (0%)

Magenta (83%)

Yellow (50%)

Black (21%)



Cyan (21%)

Magenta (86%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA2366 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 CA2366 by changing the saturation by 10% instead.

CA2366

CA2366

FFFFFF

AC004E

FF6499

8E0038

FF81B3

700023

FF9ECF

53000C

FFBBEB

360002

FFD8FF

070000

FFF6FF

000000

CA2366

CA2366

CA0F5A

CA3772

■ CA0051

■ CA4B7E

■ CA608A

■ CA7496

■ CA88A2

■ CA9CAF

■ CAB0BB

■ CAC5C7

■ CAD9D3

Harmonies

Analogous

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



B2389D



CA2366



C43830

Triad

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



CA2366



417900



007DCF

Complementary

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



CA2366



23CA87

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.



0083A8



CA2366



008037

Square

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



CA2366



7B6B00



008371



0070DB

Rectangle

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



CA2366



B34C06



008371



0080C5

Sweetspot

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



CA2366



FFBFD9



8423CA



805969



000000



808080

Same Dimension

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



CA2366



FF0368



CA3123



665C60



A60042



26000F

Inverse Universe

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



CA2366



FF0368



23BCCA



665C60



A60042



26000F

Previews

White Background



This preview shows how the Hex color CA2366 looks on a white background.

Color Contrast Check

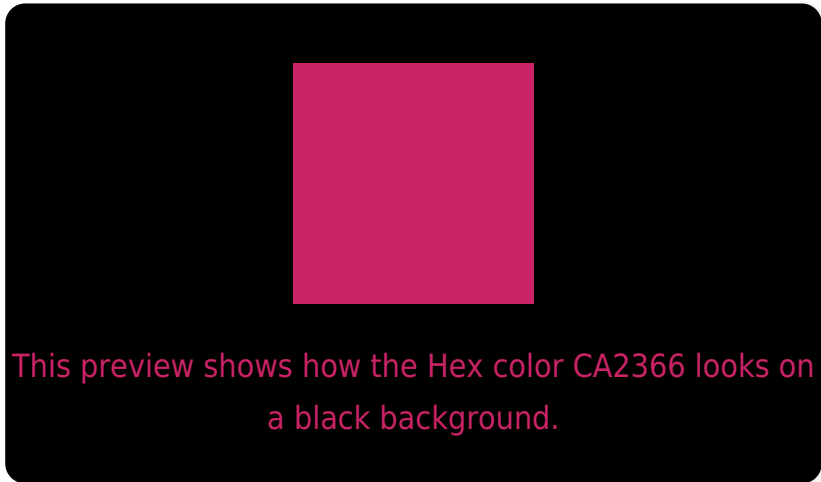
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA2366 Background



This preview shows how black text looks on a background with the Hex color CA2366.

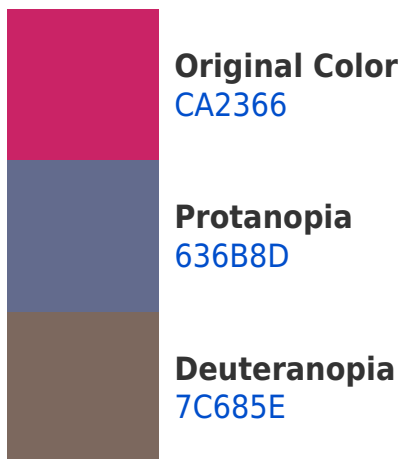


This preview shows how white text looks on a background with the Hex color CA2366.

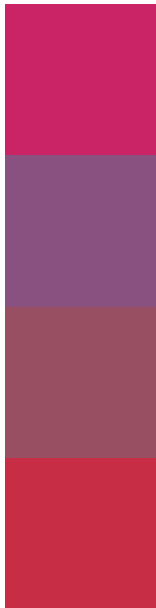
Color Blindness Simulation

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



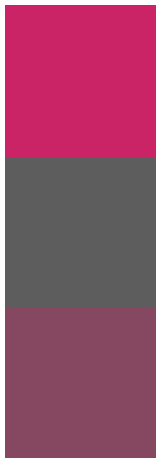
Original Color
CA2366

Protanomaly
88517F

Deuteranomaly
984F61

Tritanomaly
C82D46

Monochromacy



Original Color
CA2366

Achromatopsia
5D5D5D

Achromatomaly
854860

CSS Examples

Text

The CSS property to change the color of the text to Hex CA2366 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 #CA2366 looks like.

```
.text, #text, p{  
    color:#CA2366  
}
```

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 #CA2366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA2366  
}
```

Border

The CSS property to change the border of an element to Hex CA2366 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  
#CA2366 }
```

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

```
.border{ border-color:#CA2366 }
```

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

Here you see how a box with a 4 pixel #CA2366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA2366; -webkit-box-shadow:4px 4px  
4px 4px #CA2366; box-shadow:4px 4px 4px  
4px #CA2366 }
```

Background

The CSS property to change the background color of an element to Hex CA2366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA2366 }
```

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

```
.background{ background-color:#CA2366 }
```

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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