

# Converting Colors

Hex(CA325F)

Have a look what the booklet for  
Hex(CA325F) contains.

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# Color

**Hex(CA325F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA325F
RGB	202, 50, 95
RGB Percent	79%, 20%, 37%
CMY	0.2078, 0.8039, 0.6275
CMYK	0.00, 0.75, 0.53, 0.21
HSL	342°, 60%, 49%
HSV	342°, 75%, 79%
XYZ	27.5633, 15.6640, 12.3972
YIQ	100.5780, 76.1470, 46.2190

# Conversions

## Conversions Part 2

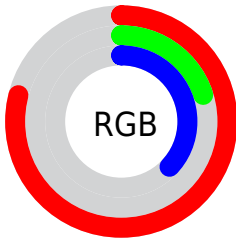
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 50, 95
Decimal	13251167
CIE <sub>Lab</sub>	46.53, 61.43, 10.88
CIE <sub>LCh</sub>	47, 62.381, 10.040
Yxy	15.6640, 0.4955, 0.2816
Android (android.graphics.Color)	4291441247 (0xFFCA325F)
YUV	100.5780, -2.7500, 88.9471
Hunter-Lab	39.5778, 55.0524, 9.1327

# Details

The Hex color **CA325F** 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 **32CA9D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF6D91**, and **8E0031** is the 20% darker color. If you saturate the color by 10%, you get **CA1E51**, and if you desaturate by 10%, it is **CA466D**.

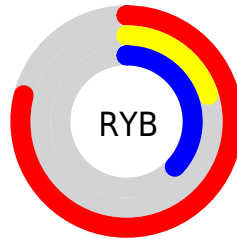
# Distribution



Red (79%)

Green (20%)

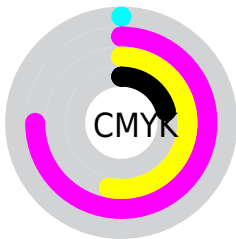
Blue (37%)



Red (79%)

Yellow (20%)

Blue (37%)

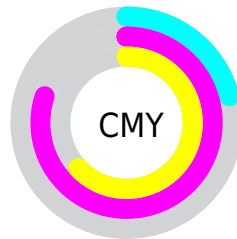


Cyan (0%)

Magenta (75%)

Yellow (53%)

Black (21%)



Cyan (21%)

Magenta (80%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA325F 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 CA325F by changing the saturation by 10% instead.



 CA325F

 CA325F

FFFFFF

 AC0448

 FF6D91

 8E0031

 FF8AAC

 70001D

 FFA6C7

 530002

 FFC3E3

 370002

 FFE0FF

 090000

FFFEFF

 000000

 CA325F

 CA325F

 CA1E51

 CA466D

■ CA0A43

■ CA5A7B

■ CA003C

■ CA6F8A

■ CA8398

■ CA97A6

■ CAABB4

■ CABFC3

■ CAD4D1

■ CAE8DF

# Harmonies

## Analogous

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



B93C93



CA325F



C0452D

# Triad

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



CA325F



3A7D0E



007ED1

# Complementary

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



CA325F



32CA9D

# 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.



0084B1



CA325F



008348

# Square

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



CA325F



757200



00867F



006FD6

# Rectangle

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



CA325F



AD5706



00867F



0081C9



# Sweetspot

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



CA325F



FFC4D6



9C32CA



805C66



000000



808080



# Same Dimension

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



CA325F



FF195D



CA5032



665C5F



A60031



26000B



# Inverse Universe

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



CA325F



FF195D



32ACCA



665C5F



A60031

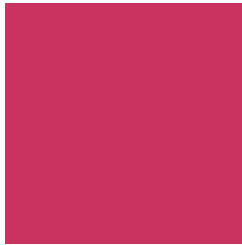


26000B



# Previews

## White Background



This preview shows how the Hex color CA325F looks on a white background.

## Color Contrast Check

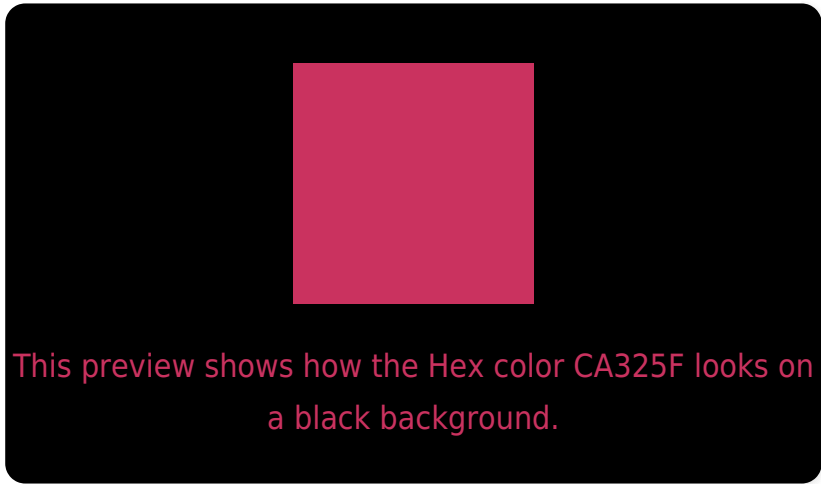
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA325F Background



This preview shows how black text looks on a background with the Hex color CA325F.



This preview shows how white text looks on a background with the Hex color CA325F.

# 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](#).

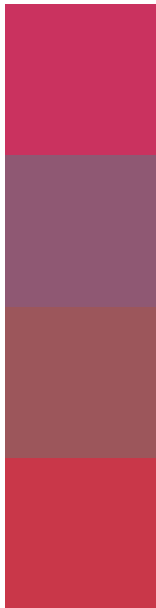
## Dichromacy





**Tritanopia**  
C83A3D

# Trichromacy



**Original Color**  
CA325F

**Protanomaly**  
8F5873

**Deuteranomaly**  
9C565B

**Tritanomaly**  
C93749

# Monochromacy



**Original Color**  
CA325F

**Achromatopsia**  
656565

**Achromatomaly**  
8A5263

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA325F 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 #CA325F looks like.

```
.text, #text, p{  
    color:#CA325F  
}
```

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 #CA325F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA325F
}
```

## Border

The CSS property to change the border of an element to Hex CA325F is called "border". The border property can be set on classes, ids or directly on the HTML element.

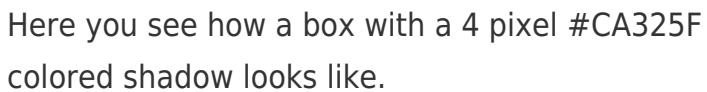
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA325F }
```

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

```
.border{ border-color:#CA325F }
```

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



Here you see how a box with a 4 pixel `#CA325F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA325F; -webkit-box-shadow:4px 4px  
4px 4px #CA325F; box-shadow:4px 4px 4px  
4px #CA325F }
```

# Background

The CSS property to change the background color of an element to Hex CA325F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA325F }
```

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

```
.background{ background-color:#CA325F }
```

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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