

# Converting Colors

Hex(CE2388)

Have a look what the booklet for  
Hex(CE2388) contains.

<b>Hex(CE2388)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(CE2388)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE2388
RGB	206, 35, 136
RGB Percent	81%, 14%, 53%
CMY	0.1922, 0.8627, 0.4667
CMYK	0.00, 0.83, 0.34, 0.19
HSL	325°, 71%, 47%
HSV	325°, 83%, 81%
XYZ	30.4986, 16.1014, 24.7930
YIQ	97.6430, 69.4950, 67.6630

# Conversions

## Conversions Part 2

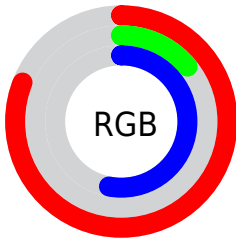
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 35, 136
Decimal	13509512
CIE <sub>Lab</sub>	47.11, 70.29, -13.32
CIE <sub>LCh</sub>	47, 71.545, 349.267
Yxy	16.1014, 0.4272, 0.2255
Android (android.graphics.Color)	4291699592 (0xFFCE2388)
YUV	97.6430, 18.9100, 95.0291
Hunter-Lab	40.1266, 65.4488, -8.5448

# Details

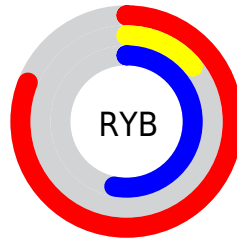
The Hex color **CE2388** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **23CE69**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF66BD**, and **920056** is the 20% darker color. If you saturate the color by 10%, you get **CE0E80**, and if you desaturate by 10%, it is **CE3890**.

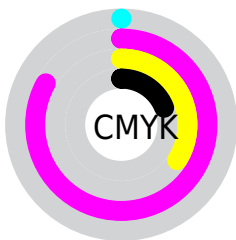
# Distribution



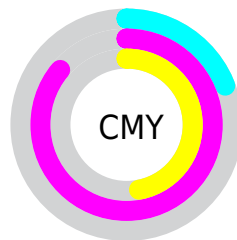
- Red (81%)
- Green (14%)
- Blue (53%)



- Red (81%)
- Yellow (14%)
- Blue (53%)



- Cyan (0%)
- Magenta (83%)
- Yellow (34%)
- Black (19%)



- Cyan (19%)
- Magenta (86%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE2388 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 CE2388 by changing the saturation by 10% instead.



 CE2388

 CE2388

FFFFFF

 B0006F

 FF66BD

 920056

 FF83D9

 75003F

 FFA0F6

 580029

 FFBDFF

 3D0014

 FFDBFF

 1C0001

 FFF9FF

 000000

 CE2388

 CE2388

 CE0E80

 CE3890

 CE007A

 CE4C99

 CE61A1

 CE75AA

 CE8AB2

 CE9FBB

 CEB3C3

 CEC8CB

 CEDCD4

# Harmonies

## Analogous

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



A049BF



CE2388



D6234C

# Triad

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



CE2388



637800



0087CB

# Complementary

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



CE2388



23CE69

# 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.



008A96



CE2388



008312

# Square

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



CE2388



9A6500



008857



007EE7

# Rectangle

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



CE2388



CB3C25



008857



0088BB



# Sweetspot

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



CE2388



FFBFE5



6723CE



805970



000000



808080



# Same Dimension

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



CE2388



FF0097



CE2334



665C62



A60062



260017



# Inverse Universe

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



CE2388



FF0097



23CEBD



665C62



A60062



260017



# Previews

## White Background



This preview shows how the Hex color CE2388 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 CE2388 Background



This preview shows how black text looks on a background with the Hex color CE2388.

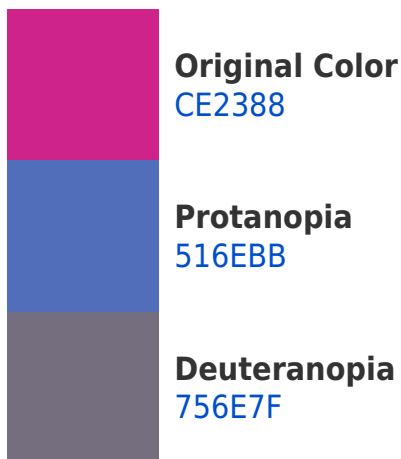


This preview shows how white text looks on a background with the Hex color CE2388.

# 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**  
CE2388



**Protanomaly**  
7E53A8



**Deuteranomaly**  
955382



**Tritanomaly**  
CB345A

# Monochromacy



**Original Color**  
CE2388



**Achromatopsia**  
626262



**Achromatomaly**  
894B70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE2388 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 #CE2388 looks like.

```
.text, #text, p{  
    color:#CE2388  
}
```

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 #CE2388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE2388
}
```

## Border

The CSS property to change the border of an element to Hex CE2388 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
#CE2388 }
```

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

```
.border{ border-color:#CE2388 }
```

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

Here you see how a box with a 4 pixel #CE2388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE2388; -webkit-box-shadow:4px 4px  
4px 4px #CE2388; box-shadow:4px 4px 4px  
4px #CE2388 }
```

# Background

The CSS property to change the background color of an element to Hex CE2388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE2388 }
```

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

```
.background{ background-color:#CE2388 }
```

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