

# Converting Colors

Hex(C62E85)

Have a look what the booklet for  
Hex(C62E85) contains.

<b>Hex(C62E85)</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(C62E85)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C62E85
RGB	198, 46, 133
RGB Percent	78%, 18%, 52%
CMY	0.2235, 0.8196, 0.4784
CMYK	0.00, 0.77, 0.33, 0.22
HSL	326°, 62%, 48%
HSV	326°, 77%, 78%
XYZ	28.4993, 15.6532, 23.7096
YIQ	101.3660, 62.6650, 59.2810

# Conversions

## Conversions Part 2

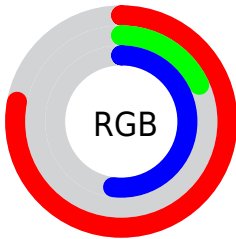
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 46, 133
Decimal	12988037
CIE <sub>Lab</sub>	46.52, 65.19, -12.54
CIE <sub>LCh</sub>	47, 66.387, 349.114
Yxy	15.6532, 0.4200, 0.2307
Android (android.graphics.Color)	4291178117 (0xFFC62E85)
YUV	101.3660, 15.5956, 84.7480
Hunter-Lab	39.5641, 59.3421, -7.8358

# Details

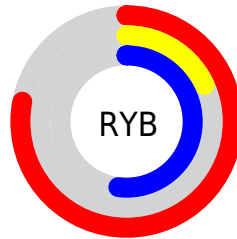
The Hex color **C62E85** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **2EC66F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF6BBA**, and **8B0053** is the 20% darker color. If you saturate the color by 10%, you get **C61A7D**, and if you desaturate by 10%, it is **C6428D**.

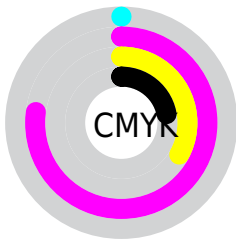
# Distribution



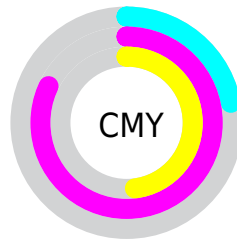
- Red (78%)
- Green (18%)
- Blue (52%)



- Red (78%)
- Yellow (18%)
- Blue (52%)



- Cyan (0%)
- Magenta (77%)
- Yellow (33%)
- Black (22%)



- Cyan (22%)
- Magenta (82%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C62E85 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 C62E85 by changing the saturation by 10% instead.



 C62E85

 C62E85

FFFFFF

 A8006C

 FF6BBA

 8B0053

 FF88D6

 6F003C

 FFA4F2

 520026

 FFC1FF

 380011

 FFDFFF

 110000

 FFFCFF

 000000

 C62E85

 C62E85

 C61A7D

 C6428D

 C60674

 C65696

 C60071

 C6699E

 C67DA7

 C691AF

 C6A5B8

 C6B9C0

 C6CCC9

 C6E0D1

# Harmonies

## Analogous

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



9B4CB8



C62E85



CE2E4E

# Triad

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



C62E85



647600



0084C2

# Complementary

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



C62E85



2EC66F

# 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.



008791



C62E85



04801B

# Square

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



C62E85



966500



008557



007BDD

# Rectangle

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



C62E85



C4402A



008557



0085B4



# Sweetspot

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



C62E85



FFC4E6



6D2EC6



805C70



000000



808080



# Same Dimension

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



C62E85



FF149B



C62E3B



635A5F



A3005D



240014



# Inverse Universe

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



C62E85



FF149B



2EC6B9



635A5F



A3005D



240014



# Previews

## White Background



This preview shows how the Hex color C62E85 looks on a white background.

## Color Contrast Check

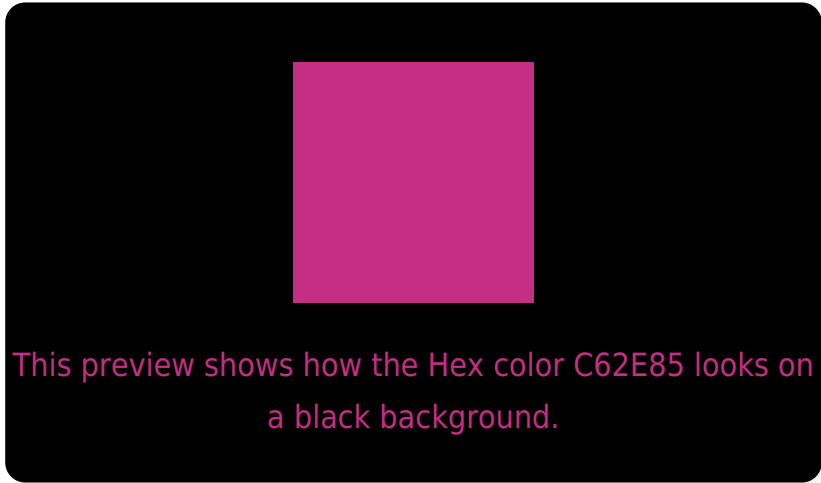
Large Text (above 18pt) WCAG AA ✓ Pass

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 C62E85 Background



This preview shows how black text looks on a background with the Hex color C62E85.

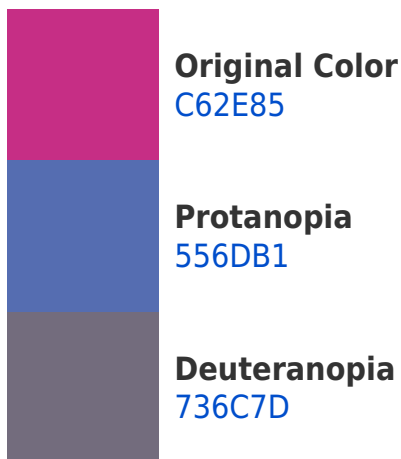


This preview shows how white text looks on a background with the Hex color C62E85.

# 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**  
C14245

# Trichromacy



**Original Color**  
C62E85



**Protanomaly**  
7E56A1



**Deuteranomaly**  
915580

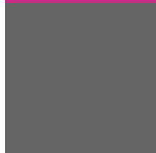


**Tritanomaly**  
C33B5C

# Monochromacy



**Original Color**  
C62E85



**Achromatopsia**  
656565



**Achromatomaly**  
885171

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C62E85 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 #C62E85 looks like.

```
.text, #text, p{  
  color:#C62E85  
}
```

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 #C62E85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C62E85
}
```

## Border

The CSS property to change the border of an element to Hex C62E85 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
#C62E85 }
```

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

```
.border{ border-color:#C62E85 }
```

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

Here you see how a box with a 4 pixel #C62E85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C62E85; -webkit-box-shadow:4px 4px  
4px 4px #C62E85; box-shadow:4px 4px 4px  
4px #C62E85 }
```

# Background

The CSS property to change the background color of an element to Hex C62E85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C62E85 }
```

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

```
.background{ background-color:#C62E85 }
```

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