

# Converting Colors

Hex(C263E4)

Have a look what the booklet for  
Hex(C263E4) contains.

<b>Hex(C263E4)</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(C263E4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C263E4
RGB	194, 99, 228
RGB Percent	76%, 39%, 89%
CMY	0.2392, 0.6118, 0.1059
CMYK	0.15, 0.57, 0.00, 0.11
HSL	284°, 70%, 64%
HSV	284°, 57%, 89%
XYZ	40.7136, 25.9945, 76.2704
YIQ	142.1110, 15.2110, 60.2590

# Conversions

## Conversions Part 2

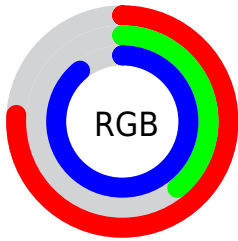
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">194, 99, 228</a>
Decimal	<a href="#">12739556</a>
CIELab	<a href="#">58.03, 57.81, -49.98</a>
CIElCh	<a href="#">58, 76.418, 319.153</a>
Yxy	<a href="#">25.9945, 0.2848, 0.1818</a>
Android (android.graphics.Color)	<a href="#">4290929636 (0xFFC263E4)</a>
YUV	<a href="#">142.1110, 42.3433, 45.5067</a>
Hunter-Lab	<a href="#">50.9848, 53.3168, -53.0052</a>

# Details

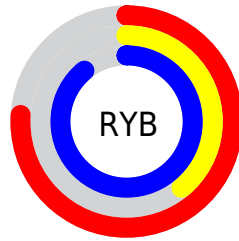
The Hex color **C263E4** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **85E463**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FD9AFF**, and **892CAC** is the 20% darker color. If you saturate the color by 10%, you get **BC4CE4**, and if you desaturate by 10%, it is **C87AE4**.

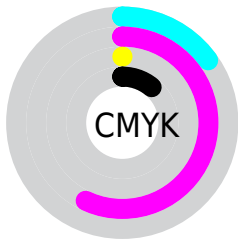
# Distribution



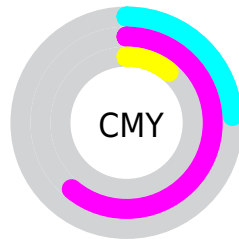
- Red (76%)
- Green (39%)
- Blue (89%)



- Red (76%)
- Yellow (39%)
- Blue (89%)



- Cyan (15%)
- Magenta (57%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (61%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C263E4 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 C263E4 by changing the saturation by 10% instead.



 C263E4

 C263E4

FFFFFF

 A548C8

 FD9AFF

 892CAC

 FFB6FF

 6E0791

 FFD2FF

 520077

 FFEFFF

 37005D

 1E0045

 00002D

 000118

 000000

 C263E4

 C263E4

 BC4CE4

 C87AE4

 B635E4

 CE91E4

 B01FE4

 D4A7E4

 AA08E4

 DABEE4

 A800E4

 E0D5E4

 E6ECE4

 ECFFE4

 F2FFE4

 F8FFE4

# Harmonies

## Analogous

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



4784FF



C263E4



F541A7

# Triad

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



C263E4



BC8000



00A9B6

# Complementary

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



C263E4



85E463

# 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.



00A770



C263E4



809500

# Square

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



C263E4



E96124



16A129



00A6F0

# Rectangle

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



C263E4



FF3B7A



16A129



00A99F



# Sweetspot

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



C263E4



F4D4FF



6385E4



796680



000000



808080



# Same Dimension

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



C263E4



D152FF



E463C6



706773



8300B3



260033



# Inverse Universe

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



E46385



FF527F



63E481



73676A



B3002F

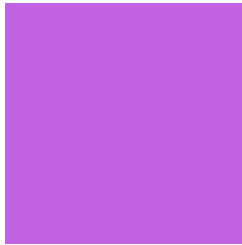


33000D



# Previews

## White Background



This preview shows how the Hex color C263E4 looks on a white background.

## Color Contrast Check

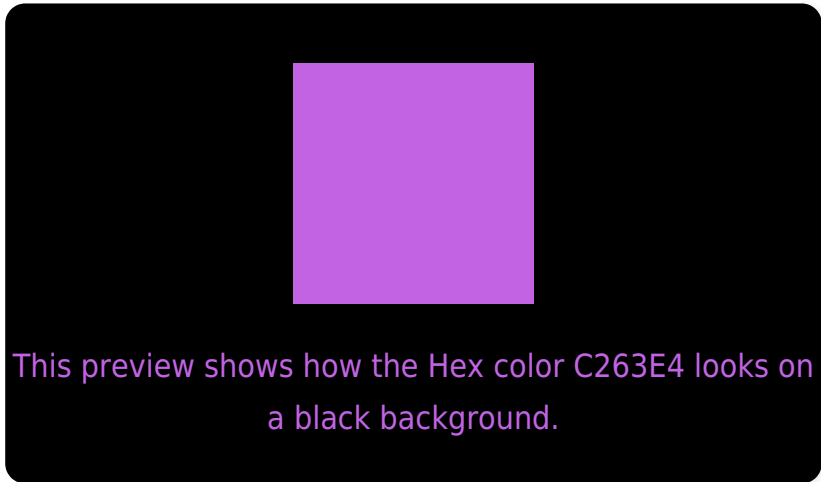
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

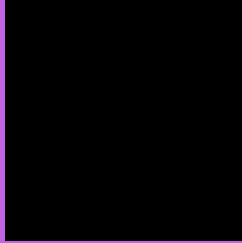
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C263E4 Background



This preview shows how black text looks on a background with the Hex color C263E4.

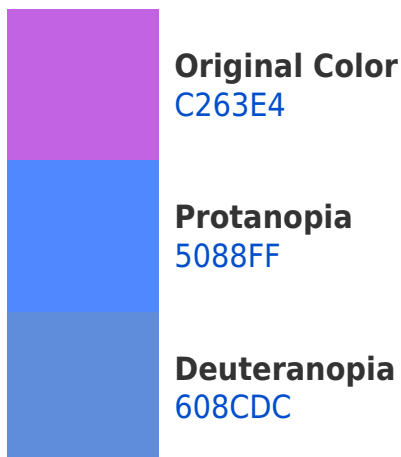



This preview shows how white text looks on a background with the Hex color C263E4.

# 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](#).

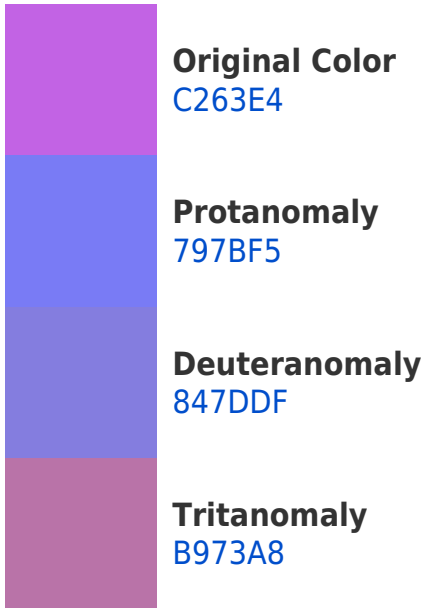
## Dichromacy



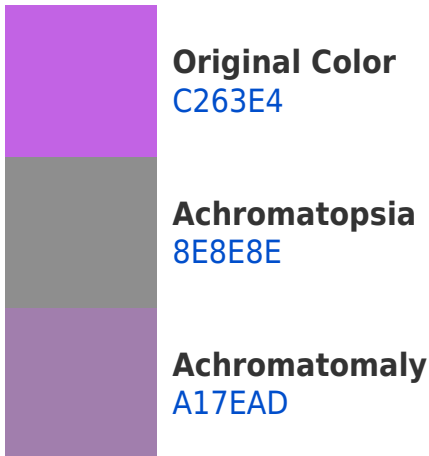


**Tritanopia**  
B47C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C263E4 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 #C263E4 looks like.

```
.text, #text, p{  
    color:#C263E4  
}
```

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 #C263E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C263E4
}
```

## Border

The CSS property to change the border of an element to Hex C263E4 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
#C263E4 }
```

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

```
.border{ border-color:#C263E4 }
```

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

Here you see how a box with a 4 pixel #C263E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C263E4; -webkit-box-shadow:4px 4px  
4px 4px #C263E4; box-shadow:4px 4px 4px  
4px #C263E4 }
```

# Background

The CSS property to change the background color of an element to Hex C263E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C263E4 }
```

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

```
.background{ background-color:#C263E4 }
```

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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