

# Converting Colors

Hex(CD2964)

Have a look what the booklet for  
Hex(CD2964) contains.

<b>Hex(CD2964)</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(CD2964)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD2964
RGB	205, 41, 100
RGB Percent	80%, 16%, 39%
CMY	0.1961, 0.8392, 0.6078
CMYK	0.00, 0.80, 0.51, 0.20
HSL	338°, 67%, 48%
HSV	338°, 80%, 80%
XYZ	28.2700, 15.4851, 13.5555
YIQ	96.7620, 78.8050, 53.1170

# Conversions

## Conversions Part 2

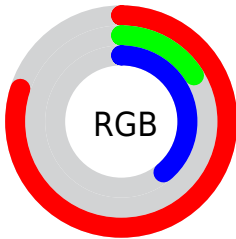
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 41, 100
Decimal	13445476
CIE <sub>Lab</sub>	46.29, 65.26, 7.53
CIE <sub>LCh</sub>	46, 65.694, 6.585
Yxy	15.4851, 0.4933, 0.2702
Android (android.graphics.Color)	4291635556 (0xFFCD2964)
YUV	96.7620, 1.5963, 94.9247
Hunter-Lab	39.3511, 59.3707, 7.1218

# Details

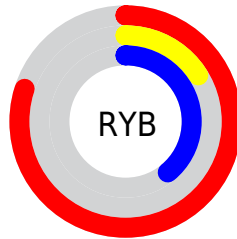
The Hex color **CD2964** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **29CD92**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6897**, and **900036** is the 20% darker color. If you saturate the color by 10%, you get **CD1457**, and if you desaturate by 10%, it is **CD3E71**.

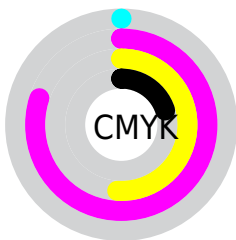
# Distribution



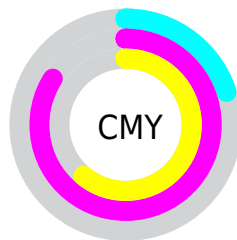
- Red (80%)
- Green (16%)
- Blue (39%)



- Red (80%)
- Yellow (16%)
- Blue (39%)



- Cyan (0%)
- Magenta (80%)
- Yellow (51%)
- Black (20%)



- Cyan (20%)
- Magenta (84%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD2964 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 CD2964 by changing the saturation by 10% instead.



 CD2964

 CD2964

FFFFFF

 AE004C

 FF6897

 900036

 FF85B1

 720021

 FFA1CD

 550009

 FFBEE9

 390002

 FFDCFF

 0F0000

 FFFAFF

 000000

 CD2964

 CD2964

 CD1457

 CD3E71

 CD004A

 CD527E

 CD678B

 CD7B98

 CD90A6

 CDA4B3

 CDB9C0

 CDCDCD

 CDE2DA

# Harmonies

## Analogous

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



B73A9B



CD2964



C53E2F

# Triad

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



CD2964



3E7C00



007FD3

# Complementary

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



CD2964



29CD92

# 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.



0085AE



CD2964



00833F

# Square

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



CD2964



7A6F00



008679



0071DC

# Rectangle

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



CD2964



B35104



008679



0082CA



# Sweetspot

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



CD2964



FFC2D8



9129CD



805B68



000000



808080



# Same Dimension

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



CD2964



FF0A62



CD3F29



665C5F



A6003C



26000E



# Inverse Universe

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



CD2964



FF0A62



29B7CD



665C5F



A6003C



26000E



# Previews

## White Background



This preview shows how the Hex color CD2964 looks on a white background.

## Color Contrast Check

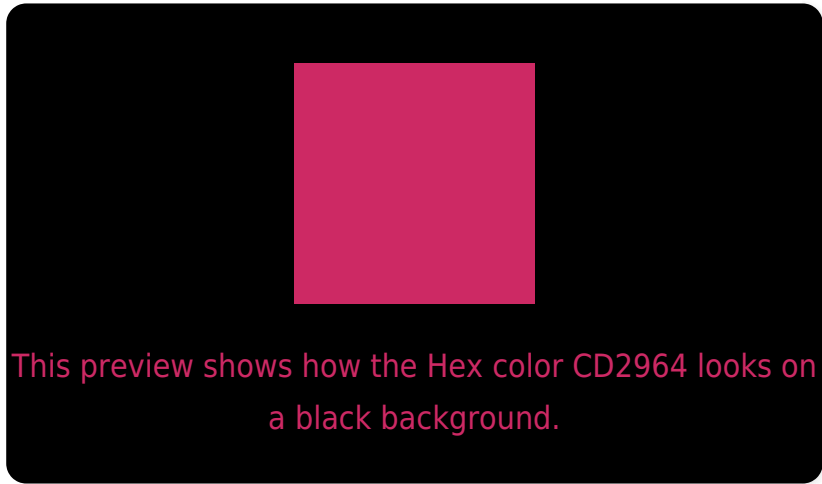
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD2964 Background



This preview shows how black text looks on a background with the Hex color CD2964.

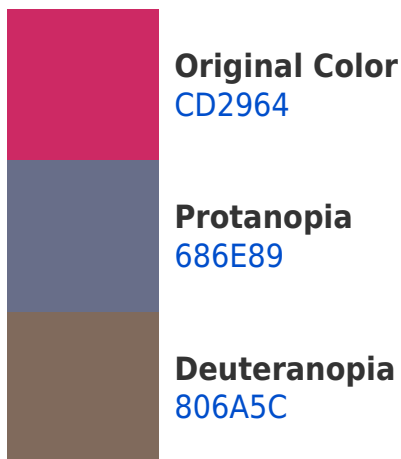


This preview shows how white text looks on a background with the Hex color CD2964.

# 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



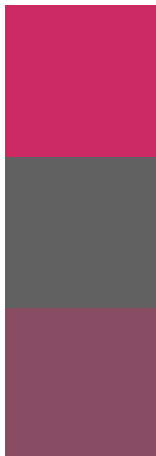
**Original Color**  
CD2964

**Protanomaly**  
8D557C

**Deuteranomaly**  
9C525F

**Tritanomaly**  
CC3147

# Monochromacy



**Original Color**  
CD2964

**Achromatopsia**  
616161

**Achromatomaly**  
884D62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD2964 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 #CD2964 looks like.

```
.text, #text, p{  
    color:#CD2964  
}
```

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 #CD2964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD2964
}
```

## Border

The CSS property to change the border of an element to Hex CD2964 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
#CD2964 }
```

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

```
.border{ border-color:#CD2964 }
```

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

Here you see how a box with a 4 pixel #CD2964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD2964; -webkit-box-shadow:4px 4px  
4px 4px #CD2964; box-shadow:4px 4px 4px  
4px #CD2964 }
```

# Background

The CSS property to change the background color of an element to Hex CD2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD2964 }
```

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

```
.background{ background-color:#CD2964 }
```

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