

# Converting Colors

Hex(D04E70)

Have a look what the booklet for  
Hex(D04E70) contains.

<b>Hex(D04E70)</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(D04E70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D04E70
RGB	208, 78, 112
RGB Percent	82%, 31%, 44%
CMY	0.1843, 0.6941, 0.5608
CMYK	0.00, 0.62, 0.46, 0.18
HSL	344°, 58%, 56%
HSV	344°, 62%, 82%
XYZ	31.6614, 20.0285, 17.5264
YIQ	120.7460, 66.5660, 38.1340

# Conversions

## Conversions Part 2

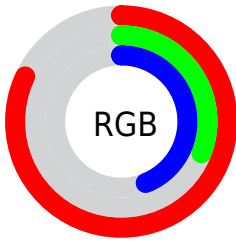
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 78, 112
Decimal	13651568
CIE <sub>Lab</sub>	51.87, 54.06, 8.22
CIE <sub>LCh</sub>	52, 54.685, 8.647
Yxy	20.0285, 0.4574, 0.2894
Android (android.graphics.Color)	4291841648 (0xFFD04E70)
YUV	120.7460, -4.3118, 76.5218
Hunter-Lab	44.7532, 47.9647, 8.1080

# Details

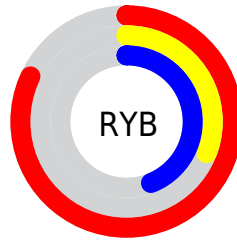
The Hex color **D04E70** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **4ED0AE**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF85A4**, and **950D41** is the 20% darker color. If you saturate the color by 10%, you get **D03961**, and if you desaturate by 10%, it is **D0637F**.

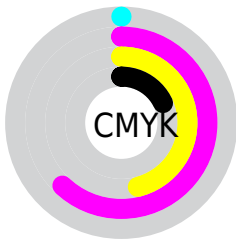
# Distribution



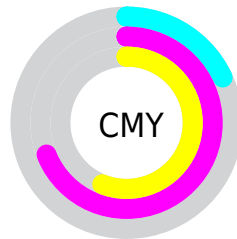
- Red (82%)
- Green (31%)
- Blue (44%)



- Red (82%)
- Yellow (31%)
- Blue (44%)



- Cyan (0%)
- Magenta (62%)
- Yellow (46%)
- Black (18%)



- Cyan (18%)
- Magenta (69%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D04E70 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 D04E70 by changing the saturation by 10% instead.



 D04E70

 D04E70

FFFFFF

 B23158

 FF85A4

 950D41

 FFA1BF

 78002B

 FFBDDA

 5B0017

 FFDAF7

 410002

 FFF7FF

 210001

 000000

 D04E70

 D04E70

 D03961

 D0637F

 D02451

 D0788F

 D01042

 D08C9E

 D00036

 D0A1AD

 D0B6BD

 D0CBCC

 D0E0DC

 D0F4EB

 D0FFFA

# Harmonies

## Analogous

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



BE559F



D04E70



C95A43

# Triad

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



D04E70



54892C



008AD3

# Complementary

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



D04E70



4ED0AE

# 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.



0090B5



D04E70



009058

# Square

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



D04E70



877E0F



009288



2A7DD9

# Rectangle

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



D04E70



B9662A



009288



008DCB



# Sweetspot

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



D04E70



FFCFDB



AD4ED0



80626A



000000



808080



# Same Dimension

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



D04E70



FF4072



D06C4E



695E61



A8002C



29000B



# Inverse Universe

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



D04E70



FF4072



4EB2D0



695E61



A8002C



29000B



# Previews

## White Background



This preview shows how the Hex color D04E70 looks on a white background.

## Color Contrast Check

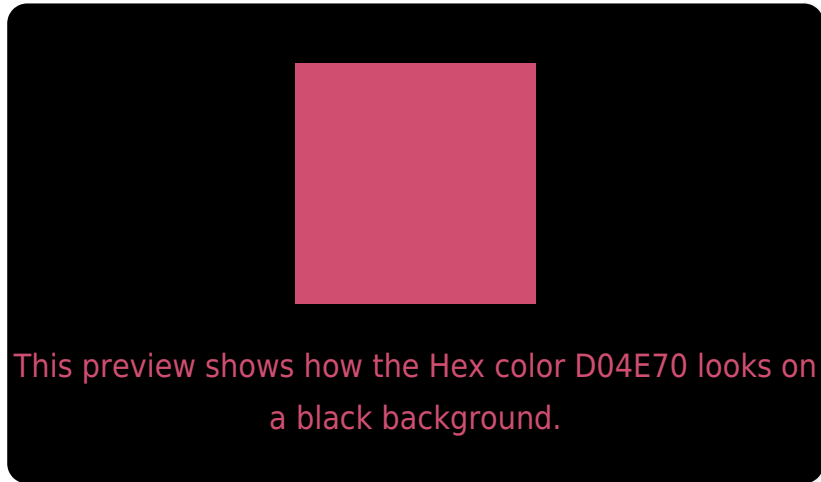
Large Text (above 18pt) WCAG AA ✓ Pass

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 D04E70 Background



This preview shows how black text looks on a background with the Hex color D04E70.



This preview shows how white text looks on a background with the Hex color D04E70.

# 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



**Original Color**  
D04E70

**Protanopia**  
7B7B89

**Deuteranopia**  
8F786A



# Trichromacy



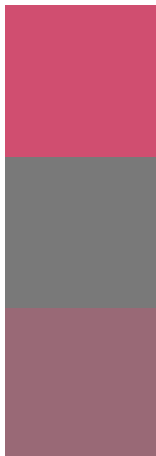
**Original Color**  
D04E70

**Protanomaly**  
9A6B80

**Deuteranomaly**  
A7696C

**Tritanomaly**  
CF5161

# Monochromacy



**Original Color**  
D04E70

**Achromatopsia**  
797979

**Achromatomaly**  
996976

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D04E70 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 #D04E70 looks like.

```
.text, #text, p{  
    color:#D04E70  
}
```

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 #D04E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D04E70
}
```

## Border

The CSS property to change the border of an element to Hex D04E70 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
#D04E70 }
```

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

```
.border{ border-color:#D04E70 }
```

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

Here you see how a box with a 4 pixel #D04E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D04E70; -webkit-box-shadow:4px 4px  
4px 4px #D04E70; box-shadow:4px 4px 4px  
4px #D04E70 }
```

# Background

The CSS property to change the background color of an element to Hex D04E70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D04E70 }
```

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

```
.background{ background-color:#D04E70 }
```

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