

Converting Colors

Hex(C13D6B)

Have a look what the booklet for
Hex(C13D6B) contains.

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Color

Hex(C13D6B)

Conversions

Conversions Part 1

Format	Color
Hex	C13D6B
RGB	193, 61, 107
RGB Percent	76%, 24%, 42%
CMY	0.2431, 0.7608, 0.5804
CMYK	0.00, 0.68, 0.45, 0.24
HSL	339°, 52%, 50%
HSV	339°, 68%, 76%
XYZ	26.3149, 15.7365, 15.5604
YIQ	105.7120, 63.9060, 42.2900

Conversions

Conversions Part 2

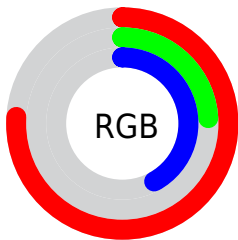
Format	Color
RYB	193, 61, 107
Decimal	12664171
CIELab	46.63, 55.94, 3.41
CIElCh	47, 56.041, 3.492
Yxy	15.7365, 0.4568, 0.2731
Android (android.graphics.Color)	4290854251 (0xFFC13D6B)
YUV	105.7120, 0.6350, 76.5516
Hunter-Lab	39.6692, 48.9883, 4.5117

Details

The Hex color **C13D6B** 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 **3DC193**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FD759E**, and **86003C** is the 20% darker color. If you saturate the color by 10%, you get **C12A5E**, and if you desaturate by 10%, it is **C15078**.

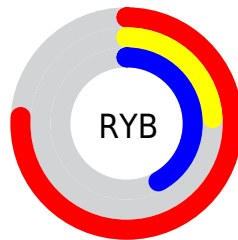
Distribution



Red (76%)

Green (24%)

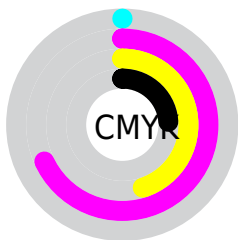
Blue (42%)



Red (76%)

Yellow (24%)

Blue (42%)

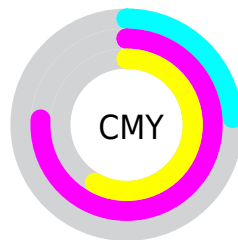


Cyan (0%)

Magenta (68%)

Yellow (45%)

Black (24%)



Cyan (24%)

Magenta (76%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color C13D6B 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 C13D6B by changing the saturation by 10% instead.

 C13D6B

 C13D6B

FFFFFF

 A31D53

 FD759E

 86003C

 FF91B9

 6A0027

 FFADD5

 4D0012

 FFC9F1

 330002

 FFE7FF

 000000

 C13D6B

 C13D6B

 C12A5E

 C15078

 C11652

 C16484

 C10345

 C17791

 C10043

 C18A9D

 C19EAA

 C1B1B6

 C1C4C3

 C1D7D0

 C1EBDC

Harmonies

Analogous

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



AB4999



C13D6B



BD473D

Triad

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



C13D6B



4F7A13



007EC3

Complementary

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



C13D6B



3DC193

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.



0083A1



C13D6B



008142

Square

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



C13D6B



806E00



008473



0072CD

Rectangle

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



C13D6B



AF5521



008473



0081BA

Sweetspot

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



C13D6B



FAC5D8



933DC1



7D5E69



FCFCFC



7D7D7D

Same Dimension

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



C13D6B



FA2D74



C1513D



61575B



A10038



21000C

Inverse Universe

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



C13D6B



FA2D74



3DADC1



61575B



A10038



21000C

Previews

White Background



This preview shows how the Hex color C13D6B looks on a white background.

Color Contrast Check

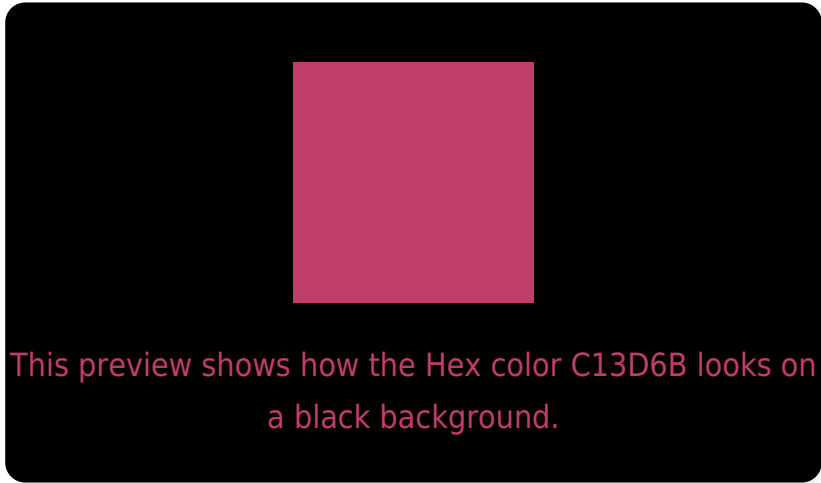
Large Text (above 18pt) WCAG AA ✓ Pass

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

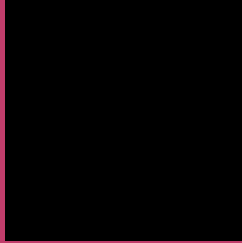
Any Text WCAG AA × Fail

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 C13D6B Background



This preview shows how black text looks on a background with the Hex color C13D6B.



This preview shows how white text looks on a background with the Hex color C13D6B.

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



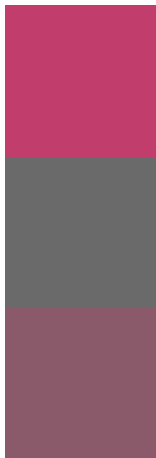
Original Color
C13D6B

Protanomaly
895C7D

Deuteranomaly
965A67

Tritanomaly
C04255

Monochromacy



Original Color
C13D6B

Achromatopsia
6A6A6A

Achromatomaly
8A5A6A

CSS Examples

Text

The CSS property to change the color of the text to Hex C13D6B 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 #C13D6B looks like.

```
.text, #text, p{  
    color:#C13D6B  
}
```

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 #C13D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C13D6B
}
```

Border

The CSS property to change the border of an element to Hex C13D6B 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
#C13D6B }
```

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

```
.border{ border-color:#C13D6B }
```

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

Here you see how a box with a 4 pixel #C13D6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C13D6B; -webkit-box-shadow:4px 4px  
4px 4px #C13D6B; box-shadow:4px 4px 4px  
4px #C13D6B }
```

Background

The CSS property to change the background color of an element to Hex C13D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C13D6B }
```

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

```
.background{ background-color:#C13D6B }
```

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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