

Converting Colors

Hex(C12D70)

Have a look what the booklet for
Hex(C12D70) contains.

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Color

Hex(C12D70)

Conversions

Conversions Part 1

Format	Color
Hex	C12D70
RGB	193, 45, 112
RGB Percent	76%, 18%, 44%
CMY	0.2431, 0.8235, 0.5608
CMYK	0.00, 0.77, 0.42, 0.24
HSL	333°, 62%, 47%
HSV	333°, 77%, 76%
XYZ	25.8553, 14.3841, 16.7429
YIQ	96.8900, 66.7010, 52.2130

Conversions

Conversions Part 2

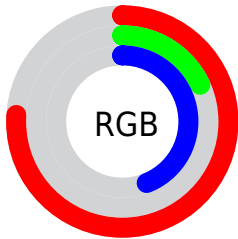
Format	Color
RYB	193, 45, 112
Decimal	12660080
CIELab	44.78, 61.99, -2.36
CIElCh	45, 62.039, 357.822
Yxy	14.3841, 0.4537, 0.2524
Android (android.graphics.Color)	4290850160 (0xFFC12D70)
YUV	96.8900, 7.4492, 84.2885
Hunter-Lab	37.9264, 55.3168, 0.3744

Details

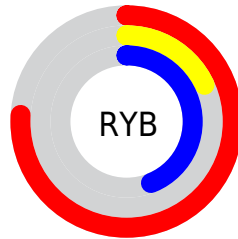
The Hex color **C12D70** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **2DC17E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FE69A4**, and **860040** is the 20% darker color. If you saturate the color by 10%, you get **C11A65**, and if you desaturate by 10%, it is **C1407B**.

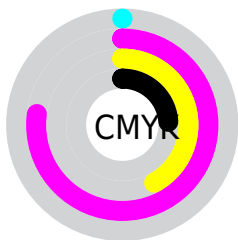
Distribution



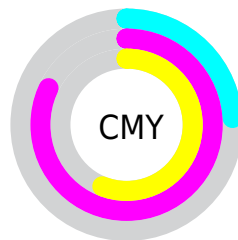
- Red (76%)
- Green (18%)
- Blue (44%)



- Red (76%)
- Yellow (18%)
- Blue (44%)



- Cyan (0%)
- Magenta (77%)
- Yellow (42%)
- Black (24%)



- Cyan (24%)
- Magenta (82%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color C12D70 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 C12D70 by changing the saturation by 10% instead.

 C12D70

 C12D70

FFFFFF

 A30058

 FE69A4

 860040

 FF85BF

 69002B

 FFA2DA

 4D0016

 FFBEF7

 320002

 FFDCCF

 000000

 FFF9FF

 C12D70

 C12D70

 C11A65

 C1407B

 C1065B

 C15485

 C10057

 C16790

 C17A9A

 C18EA5

 C1A1AF

 C1B4BA

 C1C7C5

 C1DBCf

Harmonies

Analogous

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



A343A2



C12D70



C1373D

Triad

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



C12D70



517500



007DC1

Complementary

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



C12D70



2DC17E

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.



008199



C12D70



007D2E

Square

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



C12D70



836600



008064



0072D2

Rectangle

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



C12D70



B4481C



008064



007EB6

Sweetspot

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



C12D70



FAC0DA



7C2DC1



7D5A6A



FCFCFC



7D7D7D

Same Dimension

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



C12D70



FA147C



C1322D



61575C



A10049



21000F

Inverse Universe

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



C12D70



FA147C



2DBCC1



61575C



A10049



21000F

Previews

White Background



This preview shows how the Hex color C12D70 looks on a white background.

Color Contrast Check

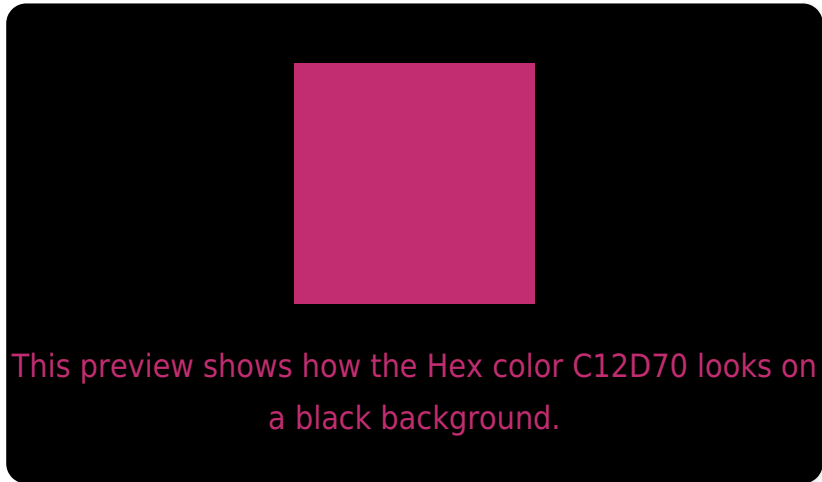
Large Text (above 18pt) WCAG AA ✓ Pass

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 C12D70 Background



This preview shows how black text looks on a background with the Hex color C12D70.



This preview shows how white text looks on a background with the Hex color C12D70.

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](#).

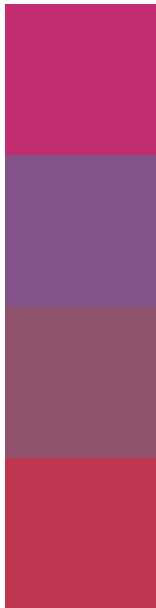
Dichromacy





Tritanopia
BE3B3E

Trichromacy



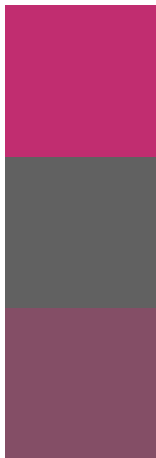
Original Color
C12D70

Protanomaly
815388

Deuteranomaly
91526C

Tritanomaly
BF3650

Monochromacy



Original Color
C12D70

Achromatopsia
616161

Achromatomaly
844E66

CSS Examples

Text

The CSS property to change the color of the text to Hex C12D70 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 #C12D70 looks like.

```
.text, #text, p{  
    color:#C12D70  
}
```

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 #C12D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C12D70
}
```

Border

The CSS property to change the border of an element to Hex C12D70 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
#C12D70 }
```

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

```
.border{ border-color:#C12D70 }
```

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

Here you see how a box with a 4 pixel #C12D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C12D70; -webkit-box-shadow:4px 4px  
4px 4px #C12D70; box-shadow:4px 4px 4px  
4px #C12D70 }
```

Background

The CSS property to change the background color of an element to Hex C12D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C12D70 }
```

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

```
.background{ background-color:#C12D70 }
```

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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