

Converting Colors

Hex(C12A64)

Have a look what the booklet for
Hex(C12A64) contains.

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Color

Hex(C12A64)

Conversions

Conversions Part 1

Format	Color
Hex	C12A64
RGB	193, 42, 100
RGB Percent	76%, 16%, 39%
CMY	0.2431, 0.8353, 0.6078
CMYK	0.00, 0.78, 0.48, 0.24
HSL	337°, 64%, 46%
HSV	337°, 78%, 76%
XYZ	25.1205, 13.9135, 13.4182
YIQ	93.7610, 71.3780, 50.0500

Conversions

Conversions Part 2

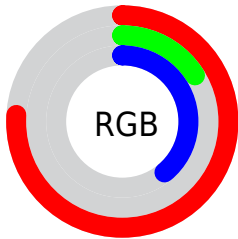
Format	Color
R_{YB}	193, 42, 100
Decimal	12659300
CIE _{Lab}	44.11, 61.78, 4.11
CIE _{LCh}	44, 61.921, 3.804
Yxy	13.9135, 0.4789, 0.2653
Android (android.graphics.Color)	4290849380 (0xFFC12A64)
YUV	93.7610, 3.0758, 87.0326
Hunter-Lab	37.3008, 54.9360, 4.7822

Details

The Hex color **C12A64** 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 **2AC187**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FE6797**, and **850036** is the 20% darker color. If you saturate the color by 10%, you get **C11758**, and if you desaturate by 10%, it is **C13D70**.

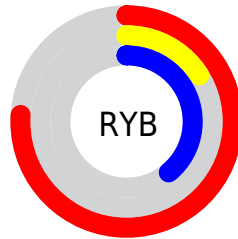
Distribution



Red (76%)

Green (16%)

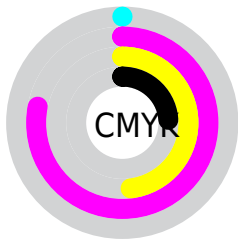
Blue (39%)



Red (76%)

Yellow (16%)

Blue (39%)

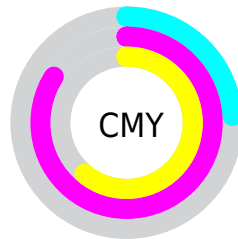


Cyan (0%)

Magenta (78%)

Yellow (48%)

Black (24%)



Cyan (24%)

Magenta (84%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color C12A64 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 C12A64 by changing the saturation by 10% instead.

 C12A64

 C12A64

FFFFFF

 A3004C

 FE6797

 850036

 FF83B1

 680021

 FF9FCD

 4C0009

 FFBCE9

 2F0002

 FFD9FF

 000000

 FFF7FF

 C12A64

 C12A64

 C11758

 C13D70

 C1034C

 C1517C

 C1004A

 C16488

 C17794

 C18B9F

 C19EAB

 C1B1B7

 C1C4C3

 C1D8CF

Harmonies

Analogous

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



AA3B97



C12A64



BC3A32

Triad

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



C12A64



437500



0079C5

Complementary

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



C12A64



2AC187

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.



007EA1



C12A64



007C38

Square

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



C12A64



796800



007F6E



006DD0

Rectangle

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



C12A64



AC4C0F



007F6E



007CBB

Sweetspot

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



C12A64



FAC0D7



852AC1



7D5A67



FCFCFC



7D7D7D

Same Dimension

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



C12A64



FA0F69



C1392A



61575B



A1003E



21000D

Inverse Universe

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



C12A64



FA0F69



2AB2C1



61575B



A1003E



21000D

Previews

White Background



This preview shows how the Hex color C12A64 looks on a white background.

Color Contrast Check

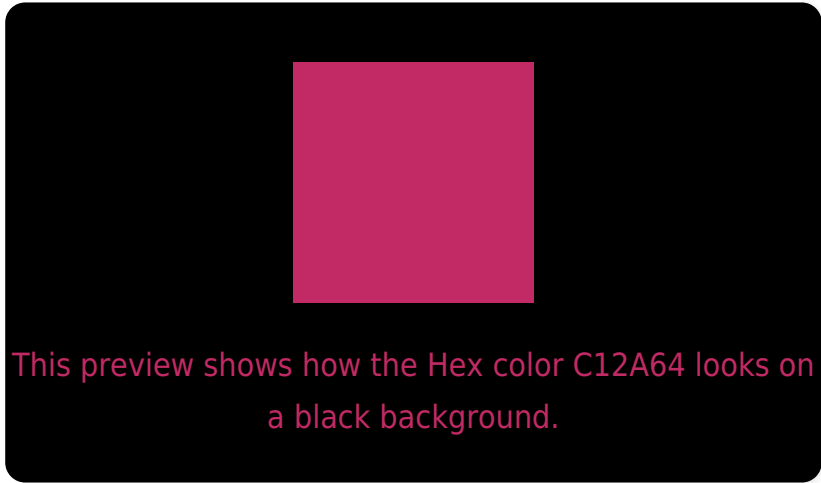
Large Text (above 18pt) WCAG AA ✓ Pass

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

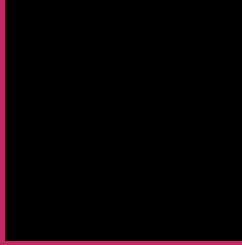
Any Text WCAG AA × Fail

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 C12A64 Background



This preview shows how black text looks on a background with the Hex color C12A64.



This preview shows how white text looks on a background with the Hex color C12A64.

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



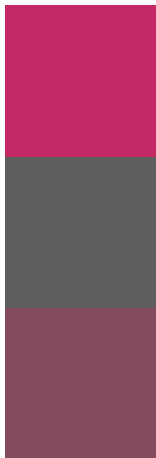
Original Color
C12A64

Protanomaly
84517A

Deuteranomaly
935060

Tritanomaly
C03248

Monochromacy



Original Color
C12A64

Achromatopsia
5E5E5E

Achromatomaly
824B60

CSS Examples

Text

The CSS property to change the color of the text to Hex C12A64 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 #C12A64 looks like.

```
.text, #text, p{  
    color:#C12A64  
}
```

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 #C12A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C12A64
}
```

Border

The CSS property to change the border of an element to Hex C12A64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

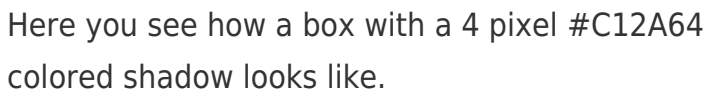
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C12A64 }
```

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

```
.border{ border-color:#C12A64 }
```

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



Here you see how a box with a 4 pixel `#C12A64` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C12A64; -webkit-box-shadow:4px 4px  
4px 4px #C12A64; box-shadow:4px 4px 4px  
4px #C12A64 }
```

Background

The CSS property to change the background color of an element to Hex C12A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C12A64 }
```

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

```
.background{ background-color:#C12A64 }
```

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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