

Converting Colors

Hex(C12D62)

Have a look what the booklet for
Hex(C12D62) contains.

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Color

Hex(C12D62)

Conversions

Conversions Part 1

Format	Color
Hex	C12D62
RGB	193, 45, 98
RGB Percent	76%, 18%, 38%
CMY	0.2431, 0.8235, 0.6157
CMYK	0.00, 0.77, 0.49, 0.24
HSL	339°, 62%, 47%
HSV	339°, 77%, 76%
XYZ	25.1353, 14.0961, 12.9513
YIQ	95.2940, 71.1950, 47.8590

Conversions

Conversions Part 2

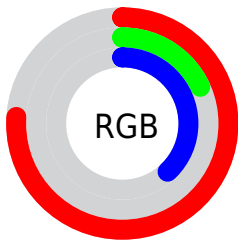
Format	Color
R_{YB}	193, 45, 98
Decimal	12660066
CIE _{Lab}	44.37, 60.72, 5.73
CIE _{LCh}	44, 60.988, 5.389
Yxy	14.0961, 0.4817, 0.2701
Android (android.graphics.Color)	4290850146 (0xFFC12D62)
YUV	95.2940, 1.3341, 85.6882
Hunter-Lab	37.5447, 53.7982, 5.8288

Details

The Hex color **C12D62** 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 **2DC18C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FE6994**, and **850034** is the 20% darker color. If you saturate the color by 10%, you get **C11A56**, and if you desaturate by 10%, it is **C1406E**.

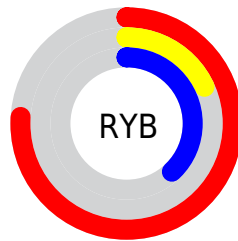
Distribution



Red (76%)

Green (18%)

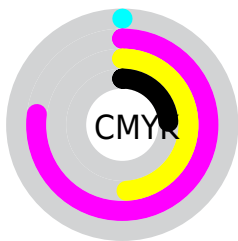
Blue (38%)



Red (76%)

Yellow (18%)

Blue (38%)

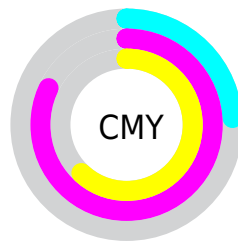


Cyan (0%)

Magenta (77%)

Yellow (49%)

Black (24%)



Cyan (24%)

Magenta (82%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color C12D62 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 C12D62 by changing the saturation by 10% instead.

 C12D62

 C12D62

FFFFFF

 A3004A

 FE6994

 850034

 FF85AF

 68001F

 FFA1CA

 4C0006

 FFBEE6

 2F0002

 FFDBFF

 000000

 FFF9FF

 C12D62

 C12D62

 C11A56

 C1406E

 C10649

 C1547B

 C10045

 C16787

 C17A94

 C18EA0

 C1A1AC

 C1B4B9

 C1C7C5

 C1DBD1

Harmonies

Analogous

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



AC3C94



C12D62



BB3D31

Triad

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



C12D62



417600



0079C5

Complementary

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



C12D62



2DC18C

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.



007FA3



C12D62



007D3C

Square

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



C12D62



776A00



007F71



006CCF

Rectangle

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



C12D62



AA4E0F



007F71



007CBC

Sweetspot

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



C12D62



FAC0D5



8B2DC1



7D5A66



FCFCFC



7D7D7D

Same Dimension

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



C12D62



FA1466



C1412D



61575B



A1003A



21000C

Inverse Universe

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



C12D62



FA1466



2DADC1



61575B



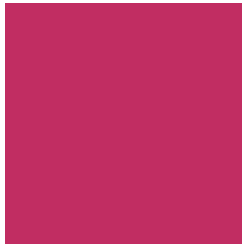
A1003A



21000C

Previews

White Background



This preview shows how the Hex color C12D62 looks on a white background.

Color Contrast Check

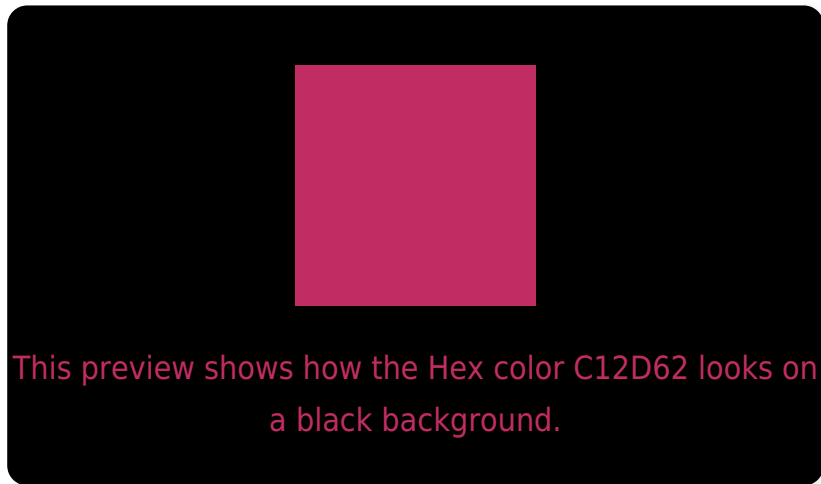
Large Text (above 18pt) WCAG AA ✓ Pass

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

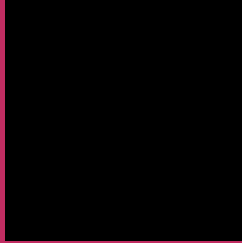
Any Text WCAG AA × Fail

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 C12D62 Background



This preview shows how black text looks on a background with the Hex color C12D62.

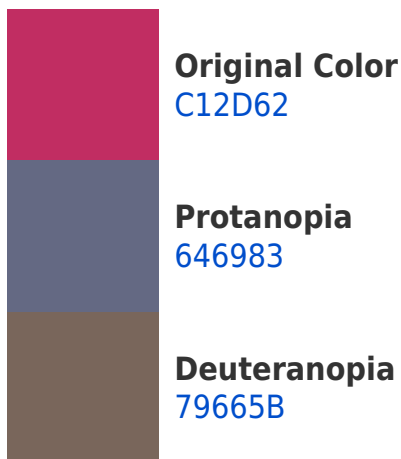



This preview shows how white text looks on a background with the Hex color C12D62.

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](#).

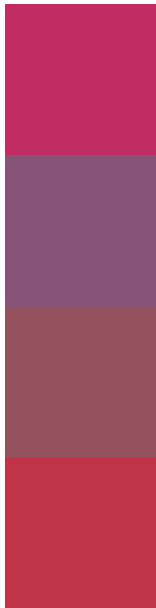
Dichromacy





Tritanopia
BF373A

Trichromacy



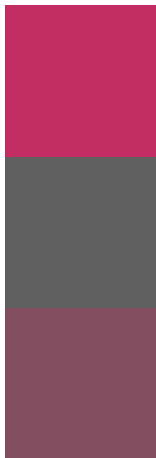
Original Color
C12D62

Protanomaly
865377

Deuteranomaly
93515E

Tritanomaly
C03349

Monochromacy



Original Color
C12D62

Achromatopsia
5F5F5F

Achromatomaly
834D60

CSS Examples

Text

The CSS property to change the color of the text to Hex C12D62 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 #C12D62 looks like.

```
.text, #text, p{  
    color:#C12D62  
}
```

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 #C12D62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C12D62
}
```

Border

The CSS property to change the border of an element to Hex C12D62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

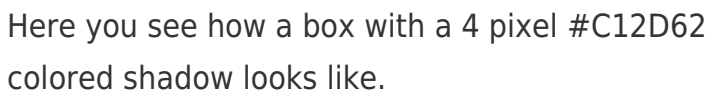
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C12D62 }
```

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

```
.border{ border-color:#C12D62 }
```

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



Here you see how a box with a 4 pixel `#C12D62` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C12D62; -webkit-box-shadow:4px 4px  
4px 4px #C12D62; box-shadow:4px 4px 4px  
4px #C12D62 }
```

Background

The CSS property to change the background color of an element to Hex C12D62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C12D62 }
```

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

```
.background{ background-color:#C12D62 }
```

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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