

# Converting Colors

Decimal(12870762)

Have a look what the booklet for  
Decimal(12870762) contains.

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# Color

**Decimal(12870762)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4646A
RGB	196, 100, 106
RGB Percent	77%, 39%, 42%
CMY	0.2314, 0.6078, 0.5843
CMYK	0.00, 0.49, 0.46, 0.23
HSL	356°, 45%, 58%
HSV	356°, 49%, 77%
XYZ	29.9236, 21.8907, 16.2839
YIQ	129.3880, 55.2900, 22.2180

# Conversions

## Conversions Part 2

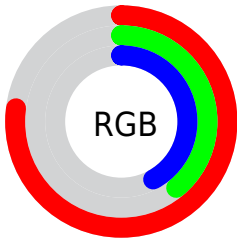
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 100, 106
Decimal	12870762
CIELab	53.91, 38.80, 14.38
CIELCh	54, 41.381, 20.328
Yxy	21.8907, 0.4394, 0.3215
Android (android.graphics.Color)	4291060842 (0xFFC4646A)
YUV	129.3880, -11.5303, 58.4187
Hunter-Lab	46.7875, 32.2842, 12.1161

# Details

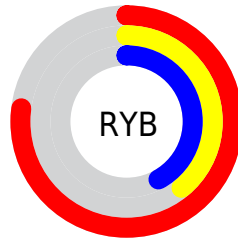
The Decimal color **12870762** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6603966**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16751005**, and **9056571** is the 20% darker color. If you saturate the color by 10%, you get **12865624**, and if you desaturate by 10%, it is **12875900**.

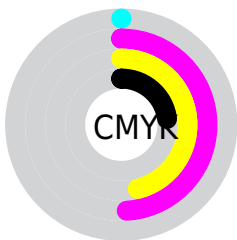
# Distribution



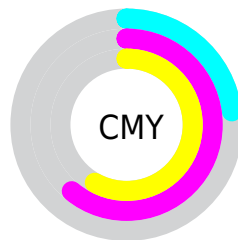
- Red (77%)
- Green (39%)
- Blue (42%)



- Red (77%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (49%)
- Yellow (46%)
- Black (23%)



- Cyan (23%)
- Magenta (61%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12870762 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 Decimal color 12870762 by changing the saturation by 10% instead.



 12870762  12870762

16777215  10963538

 16751005  9056571

 16757944  7214629

 16765140  5439505

 16772592  3735552

 1638401

 0

 12870762  12870762

 12865624  12875900

 12860741

 12880783

 12855603

 12885921

 12850721

 12890804

 12845582

 12895942

 12845068

 12901080

 12905963

 12910589

 12910591

# Harmonies

## Analogous

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



12412046



12870762



12152395

# Triad

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



12870762



5541458



1345735

# Complementary

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



12870762



6603966

# 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.



37047



12870762



37492

# Square

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



12870762



8291899



37785



7437508

# Rectangle

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



12870762



11106109



37785



35780



# Sweetspot

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



12870762



16767451



12477636



8415594



0



8421504



# Same Dimension

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



12870762



16738674



12881508



6379352



10551306



2162690



# Inverse Universe

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



12870762



16738674



6593220



6379352



10551306



2162690



# Previews

## White Background



This preview shows how the Decimal color 12870762 looks on a white background.

## Color Contrast Check

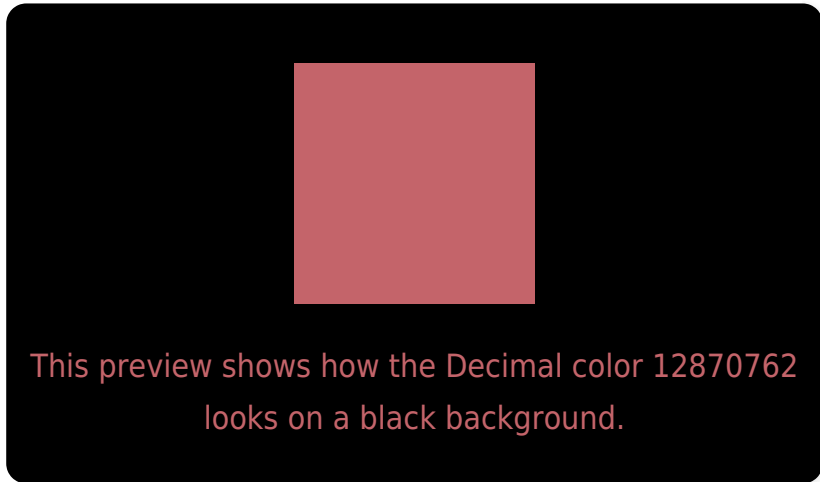
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 12870762 Background



This preview shows how black text looks on a background with the Decimal color 12870762.



This preview shows how white text looks on a background with the Decimal color 12870762.

# 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**  
12870762

**Protanopia**  
8814969

**Deuteranopia**  
9927782



**Tritanopia**  
12870763

# Trichromacy



**Original Color**  
12870762

**Protanomaly**  
10319476

**Deuteranomaly**  
10974055

**Tritanomaly**  
12870763

# Monochromacy



**Original Color**  
12870762

**Achromatopsia**  
8487297

**Achromatomaly**  
10057337

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12870762 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 #C4646A looks like.

```
.text, #text, p{  
    color:#C4646A  
}
```

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 #C4646A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4646A
}
```

## Border

The CSS property to change the border of an element to Decimal 12870762 is called "border". The border property can be set on classes, ids or directly on the HTML element.

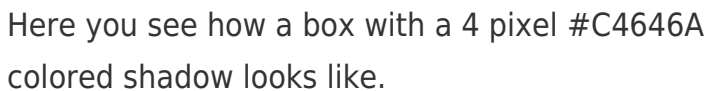
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4646A }
```

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

```
.border{ border-color:#C4646A }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a darker red color, extending 4 pixels from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #C4646A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4646A; -webkit-box-shadow:4px 4px  
4px 4px #C4646A; box-shadow:4px 4px 4px  
4px #C4646A }
```

# Background

The CSS property to change the background color of an element to Decimal 12870762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4646A }
```

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

```
.background{ background-color:#C4646A }
```

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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