

Converting Colors

Decimal(13041830)

Have a look what the booklet for
Decimal(13041830) contains.

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Color

Decimal(13041830)

Conversions

Conversions Part 1

Format	Color
Hex	C700A6
RGB	199, 0, 166
RGB Percent	78%, 0%, 65%
CMY	0.2196, 1.0000, 0.3490
CMYK	0.00, 1.00, 0.17, 0.22
HSL	310°, 100%, 39%
HSV	310°, 100%, 78%
XYZ	30.4361, 14.8953, 37.3473
YIQ	78.4250, 65.3180, 93.8140

Conversions

Conversions Part 2

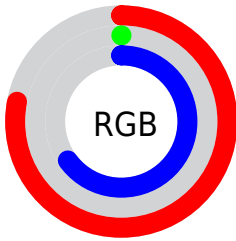
Format	Color
RYB	199, 0, 166
Decimal	13041830
CIELab	45.49, 77.03, -33.98
CIELCh	45, 84.192, 336.195
Yxy	14.8953, 0.3681, 0.1802
Android (android.graphics.Color)	4291231910 (0xFFC700A6)
YUV	78.4250, 43.1745, 105.7443
Hunter-Lab	38.5944, 73.2275, -30.3581

Details

The Decimal color **13041830** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **50977**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **16734941**, and **9175154** is the 20% darker color. If you saturate the color by 10%, you get **13041830**, and if you desaturate by 10%, it is **13046953**.

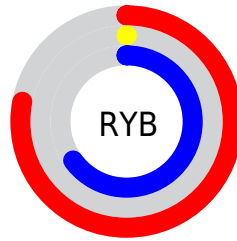
Distribution



Red (78%)

Green (0%)

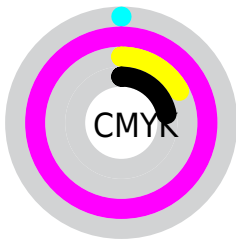
Blue (65%)



Red (78%)

Yellow (0%)

Blue (65%)

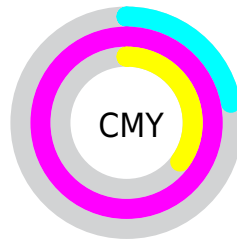


Cyan (0%)

Magenta (100%)

Yellow (17%)

Black (22%)



Cyan (22%)

Magenta (100%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13041830 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 13041830 by changing the saturation by 10% instead.

 13041830

 13041830

16777215

 11075723

 16734941

 9175154

 16742650

 7274585

 16750335

 5439553

 16758015

 3670058

 16765439

 1507348

 16773119

 0

 13041830

 13046953

 13052077

 13057200

 13062323

 13067447

 13072314

 13077437

 13082560

 13087684

Harmonies

Analogous

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



7753951



13041830



14745697

Triad

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



13041830



7826944



35006

Complementary

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



13041830



50977

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.



34681



13041830



2063616

Square

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



13041830



11489536



33837



33518

Rectangle

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



13041830



14483507



33837



34985

Sweetspot

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



13041830



16757746



1966279



8409720



0



8421504

Same Dimension

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



13041830



16711893



13041734



6511202



10682504



2359326

Inverse Universe

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



13041830



16711893



51073



6511202



10682504



2359326

Previews

White Background



This preview shows how the Decimal color 13041830 looks on a white background.

Color Contrast Check

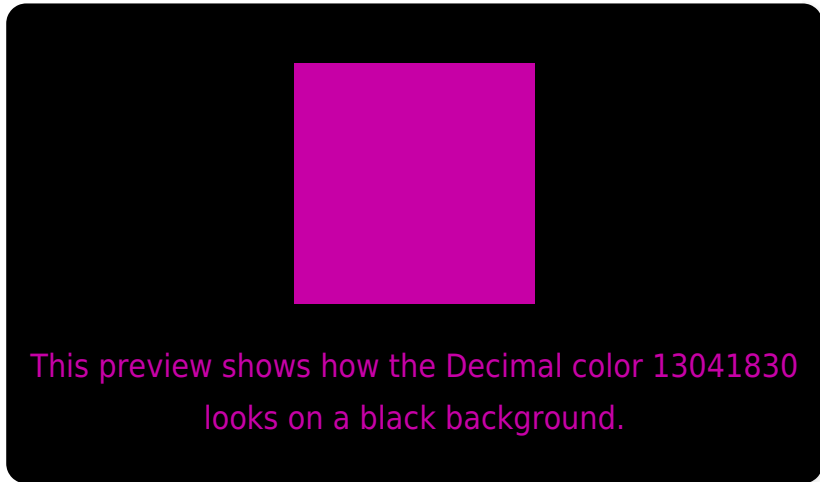
Large Text (above 18pt) WCAG AA ✓ Pass

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

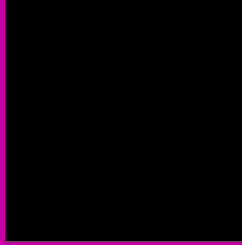
Any Text WCAG AA × Fail

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](#).

Decimal 13041830 Background



This preview shows how black text looks on a background with the Decimal color 13041830.



This preview shows how white text looks on a background with the Decimal color 13041830.

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
13041830



Protanomaly
4735948



Deuteranomaly
8668576



Tritanomaly
12724584

Monochromacy



Original Color
13041830



Achromatopsia
5131854



Achromatomaly
8008302

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13041830 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 #C700A6 looks like.

```
.text, #text, p{  
    color:#C700A6  
}
```

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 #C700A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C700A6
}
```

Border

The CSS property to change the border of an element to Decimal 13041830 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
#C700A6 }
```

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

```
.border{ border-color:#C700A6 }
```

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

Here you see how a box with a 4 pixel #C700A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C700A6; -webkit-box-shadow:4px 4px  
4px 4px #C700A6; box-shadow:4px 4px 4px  
4px #C700A6 }
```

Background

The CSS property to change the background color of an element to Decimal 13041830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C700A6 }
```

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

```
.background{ background-color:#C700A6 }
```

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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