

Converting Colors

Decimal(12808131)

Have a look what the booklet for
Decimal(12808131) contains.

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Color

Decimal(12808131)

Conversions

Conversions Part 1

Format	Color
Hex	C36FC3
RGB	195, 111, 195
RGB Percent	76%, 44%, 76%
CMY	0.2353, 0.5647, 0.2353
CMYK	0.00, 0.43, 0.00, 0.24
HSL	300°, 41%, 60%
HSV	300°, 43%, 76%
XYZ	38.0404, 26.9111, 54.8192
YIQ	145.6920, 23.1000, 43.9320

Conversions

Conversions Part 2

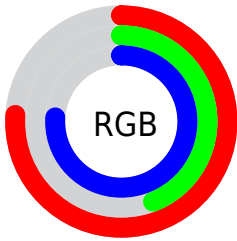
Format	Color
R _Y B	195, 111, 195
Decimal	12808131
CIE Lab	58.89, 45.66, -29.98
CIE LCh	59, 54.626, 326.711
Yxy	26.9111, 0.3176, 0.2247
Android (android.graphics.Color)	4290998211 (0xFFC36FC3)
YUV	145.6920, 24.3088, 43.2431
Hunter-Lab	51.8759, 40.1106, -26.3408

Details

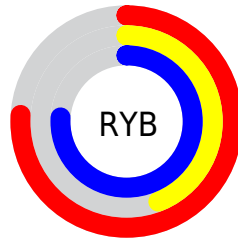
The Decimal color **12808131** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7324527**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16623100**, and **9124749** is the 20% darker color. If you saturate the color by 10%, you get **12803011**, and if you desaturate by 10%, it is **12813251**.

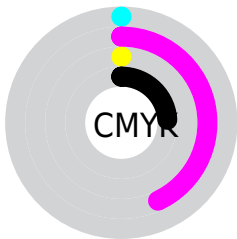
Distribution



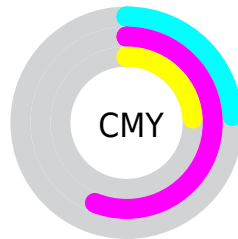
- Red (76%)
- Green (44%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (43%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 12808131 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 12808131 by changing the saturation by 10% instead.

 12808131

 12808131

16777215

 10966440

 16623100

 9124749

 16761343

 7414131

 16768511

 5636186

 16775935

 3997762

 2621484

 278

 0

 12808131

 12808131

 12803011

 12813251

 12798147

 12818115

 12793283

 12823235

 12788163

 12828099

 12783299

 12832963

 12779715

 12838083

 12842947

 12844995

Harmonies

Analogous

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



8815588



12808131



14770837

Triad

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



12808131



11307302



42167

Complementary

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



12808131



7324527

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.



42375



12808131



8230961

Square

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



12808131



13662013



3973207



41181

Rectangle

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



12808131



15098741



3973207



42408

Sweetspot

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



12808131



16571644



7303107



8416128



0



8421504

Same Dimension

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



12808131



16546300



12808089



6379361



10551457



2162721

Inverse Universe

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



12808131



16546300



7324569



6379361



10551457



2162721

Previews

White Background



This preview shows how the Decimal color 12808131 looks on a white background.

Color Contrast Check

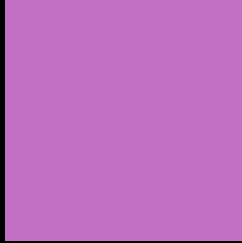
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 12808131 looks on a 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 12808131 Background



This preview shows how black text looks on a background with the Decimal color 12808131.



This preview shows how white text looks on a background with the Decimal color 12808131.

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
12287366

Trichromacy



Original Color
12808131



Protanomaly
9404882



Deuteranomaly
10060224



Tritanomaly
12482716

Monochromacy



Original Color
12808131



Achromatopsia
9605778



Achromatomaly
10782116

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12808131 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 #C36FC3 looks like.

```
.text, #text, p{  
    color:#C36FC3  
}
```

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 #C36FC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C36FC3
}
```

Border

The CSS property to change the border of an element to Decimal 12808131 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
#C36FC3 }
```

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

```
.border{ border-color:#C36FC3 }
```

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

Here you see how a box with a 4 pixel #C36FC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C36FC3; -webkit-box-shadow:4px 4px  
4px 4px #C36FC3; box-shadow:4px 4px 4px  
4px #C36FC3 }
```

Background

The CSS property to change the background color of an element to Decimal 12808131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C36FC3 }
```

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

```
.background{ background-color:#C36FC3 }
```

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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