

Converting Colors

Decimal(12087029)

Have a look what the booklet for
Decimal(12087029) contains.

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Color

Decimal(12087029)

Conversions

Conversions Part 1

Format	Color
Hex	B86EF5
RGB	184, 110, 245
RGB Percent	72%, 43%, 96%
CMY	0.2784, 0.5686, 0.0392
CMYK	0.25, 0.55, 0.00, 0.04
HSL	273°, 87%, 70%
HSV	273°, 55%, 96%
XYZ	41.8245, 27.9348, 89.5738
YIQ	147.5160, 0.7690, 57.6730

Conversions

Conversions Part 2

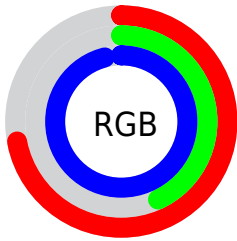
Format	Color
RYB	184, 110, 245
Decimal	12087029
CIELab	59.83, 53.45, -56.66
CIElCh	60, 77.895, 313.333
Yxy	27.9348, 0.2625, 0.1753
Android (android.graphics.Color)	4290277109 (0xFFB86EF5)
YUV	147.5160, 48.0596, 31.9965
Hunter-Lab	52.8534, 48.7593, -63.4850

Details

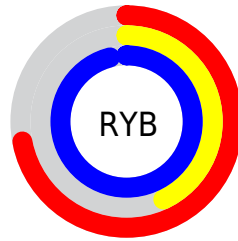
The Decimal color **12087029** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **11269486**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **15967487**, and **8338108** is the 20% darker color. If you saturate the color by 10%, you get **11359989**, and if you desaturate by 10%, it is **12814325**.

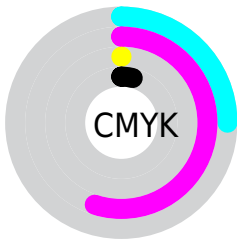
Distribution



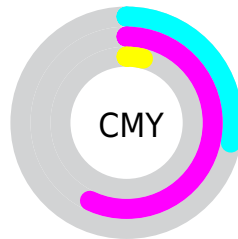
- Red (72%)
- Green (43%)
- Blue (96%)



- Red (72%)
- Yellow (43%)
- Blue (96%)



- Cyan (25%)
- Magenta (55%)
- Yellow (0%)
- Black (4%)



- Cyan (28%)
- Magenta (57%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12087029 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 12087029 by changing the saturation by 10% instead.

 12087029

 12087029

16777215

 10179800

 15967487

 8338108

 16761087

 6495904

 16768255

 4653190

 16775679

 2752620

 917587

 58

 548

 11

 12087029

 12087029

 11359989

 12814325

 10632693

 13541365

 9905653

 14268661

 9178357

 14995701

 8782069

 15722997

 16449525

 16777205

Harmonies

Analogous

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



36607



12087029



16140729

Triad

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



12087029



13467392



44974

Complementary

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



12087029



11269486

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.



44134



12087029



9606912

Square

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



12087029



16211507



4039962



44269

Rectangle

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



12087029



16727436



4039962



44694

Sweetspot

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



12087029



15455487



7253493



7628416



0



8421504

Same Dimension

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



12087029



11753471



16084721



7695994



6684858



2097211

Inverse Universe

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



16084651



16734115



7271794



8023668



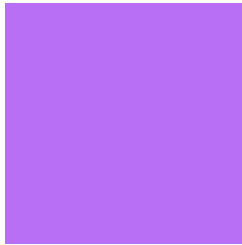
12189780



3866651

Previews

White Background



This preview shows how the Decimal color 12087029 looks on a white background.

Color Contrast Check

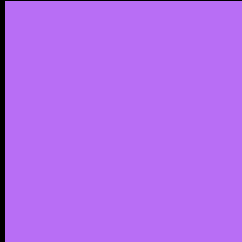
Large Text (above 18pt) WCAG AA ✓ Pass

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 12087029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

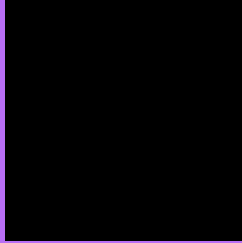
Any Text WCAG AA ✓ Pass

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 12087029 Background



This preview shows how black text looks on a background with the Decimal color 12087029.



This preview shows how white text looks on a background with the Decimal color 12087029.

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
10979474

Trichromacy



Original Color
12087029



Protanomaly
8159995



Deuteranomaly
7898353



Tritanomaly
11370422

Monochromacy



Original Color
12087029



Achromatopsia
9737364



Achromatomaly
10585783

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12087029 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 #B86EF5 looks like.

```
.text, #text, p{  
    color:#B86EF5  
}
```

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 #B86EF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86EF5
}
```

Border

The CSS property to change the border of an element to Decimal 12087029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

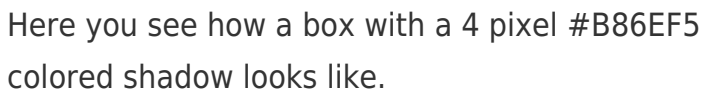
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B86EF5 }
```

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

```
.border{ border-color:#B86EF5 }
```

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



Here you see how a box with a 4 pixel #B86EF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86EF5; -webkit-box-shadow:4px 4px  
4px 4px #B86EF5; box-shadow:4px 4px 4px  
4px #B86EF5 }
```

Background

The CSS property to change the background color of an element to Decimal 12087029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86EF5 }
```

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

```
.background{ background-color:#B86EF5 }
```

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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