

Converting Colors

Decimal(13250767)

Have a look what the booklet for
Decimal(13250767) contains.

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Color

Decimal(13250767)

Conversions

Conversions Part 1

Format	Color
Hex	CA30CF
RGB	202, 48, 207
RGB Percent	79%, 19%, 81%
CMY	0.2078, 0.8118, 0.1882
CMYK	0.02, 0.77, 0.00, 0.19
HSL	298°, 62%, 50%
HSV	298°, 77%, 81%
XYZ	36.6766, 19.1755, 60.7996
YIQ	112.1720, 40.7450, 82.0970

Conversions

Conversions Part 2

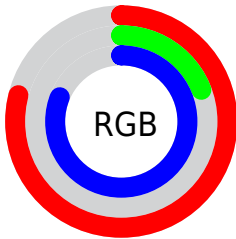
Format	Color
R_{YB}	202, 48, 207
Decimal	13250767
CIE _{Lab}	50.89, 75.69, -49.36
CIE _{LCh}	51, 90.363, 326.888
Yxy	19.1755, 0.3144, 0.1644
Android (android.graphics.Color)	4291440847 (0xFFCA30CF)
YUV	112.1720, 46.7502, 78.7792
Hunter-Lab	43.7898, 72.8723, -51.6680

Details

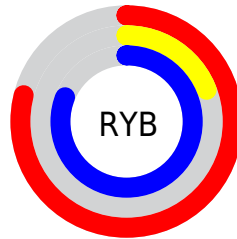
The Decimal color **13250767** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **3526448**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **16740607**, and **9437336** is the 20% darker color. If you saturate the color by 10%, you get **13179855**, and if you desaturate by 10%, it is **13321679**.

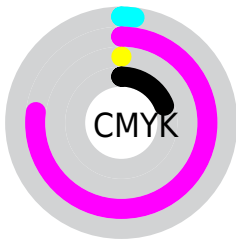
Distribution



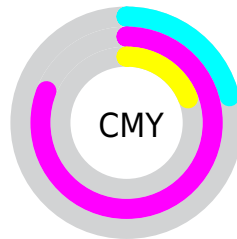
- Red (79%)
- Green (19%)
- Blue (81%)



- Red (79%)
- Yellow (19%)
- Blue (81%)



- Cyan (2%)
- Magenta (77%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (81%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13250767 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 13250767 by changing the saturation by 10% instead.

 13250767

 13250767

16777215

 11337907

 16740607

 9437336

 16748031

 7536765

 16755455

 5701732

 16763135

 3997771

 16770559

 1966131

 541

 0

 13250767

 13250767

13179855

13321679

13174735

13326799

13107407

13397711

13468623

13473999

13544655

13615567

13620943

13691599

Harmonies

Analogous

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



5073151



13250767



16121989

Triad

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



13250767



10187776



39102

Complementary

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



13250767



3526448

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.



38767



13250767



5146880

Square

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



13250767



13848064



37650



38396

Rectangle

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



13250767



16384082



37650



39076

Sweetspot

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



13250767



16631039



3159503



8281216



0



8421504

Same Dimension

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



13250767



16258303



13578373



6839913



10682536



2621481

Inverse Universe

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



13578293



16716828



3198842



6905438



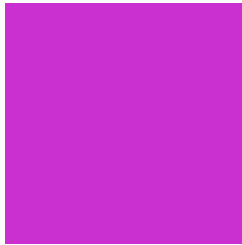
11010053



2686977

Previews

White Background



This preview shows how the Decimal color 13250767 looks on a white background.

Color Contrast Check

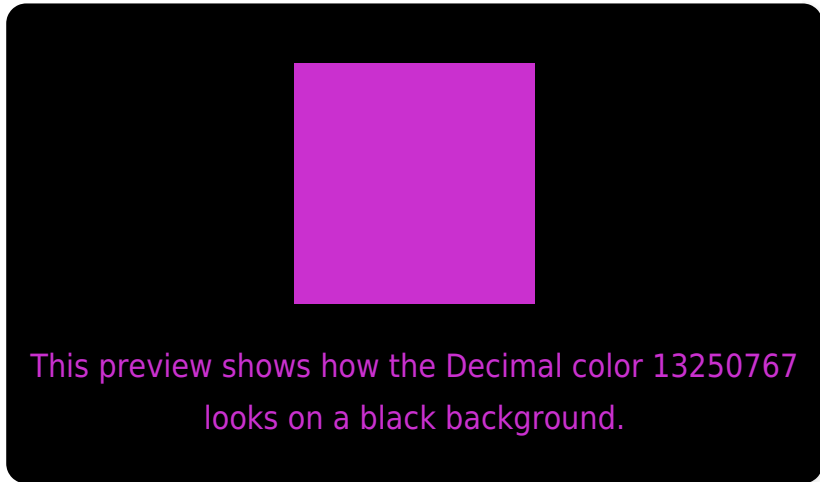
Large Text (above 18pt) WCAG AA ✓ Pass

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

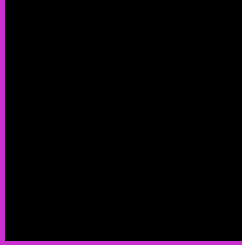
Any Text WCAG AA ✓ Pass

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 13250767 Background



This preview shows how black text looks on a background with the Decimal color 13250767.



This preview shows how white text looks on a background with the Decimal color 13250767.

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
13250767



Protanomaly
4807914



Deuteranomaly
8085448



Tritanomaly
12733321

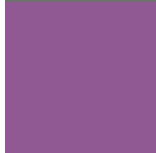
Monochromacy



Original Color
13250767



Achromatopsia
7368816



Achromatomaly
9525651

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13250767 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 #CA30CF looks like.

```
.text, #text, p{  
  color:#CA30CF  
}
```

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 #CA30CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA30CF
}
```

Border

The CSS property to change the border of an element to Decimal 13250767 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
#CA30CF }
```

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

```
.border{ border-color:#CA30CF }
```

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

Here you see how a box with a 4 pixel #CA30CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA30CF; -webkit-box-shadow:4px 4px  
4px 4px #CA30CF; box-shadow:4px 4px 4px  
4px #CA30CF }
```

Background

The CSS property to change the background color of an element to Decimal 13250767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA30CF }
```

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

```
.background{ background-color:#CA30CF }
```

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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