

# Converting Colors

Decimal(13513150)

Have a look what the booklet for  
Decimal(13513150) contains.

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**Color**

**Decimal(13513150)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE31BE
RGB	206, 49, 190
RGB Percent	81%, 19%, 75%
CMY	0.1922, 0.8078, 0.2549
CMYK	0.00, 0.76, 0.08, 0.19
HSL	306°, 62%, 50%
HSV	306°, 76%, 81%
XYZ	35.8462, 19.0361, 50.5002
YIQ	112.0170, 48.3110, 77.1350

# Conversions

## Conversions Part 2

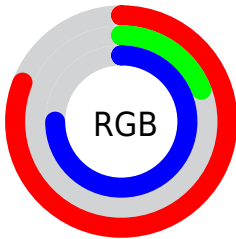
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 49, 190
Decimal	13513150
CIE <sub>Lab</sub>	50.73, 73.62, -39.76
CIE <sub>LCh</sub>	51, 83.672, 331.627
Yxy	19.0361, 0.3402, 0.1806
Android (android.graphics.Color)	4291703230 (0xFFCE31BE)
YUV	112.0170, 38.4456, 82.4231
Hunter-Lab	43.6304, 70.3000, -38.0842

# Details

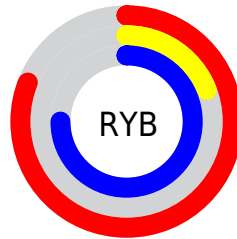
The Decimal color **13513150** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **3264065**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **16740599**, and **9699464** is the 20% darker color. If you saturate the color by 10%, you get **13507772**, and if you desaturate by 10%, it is **13518528**.

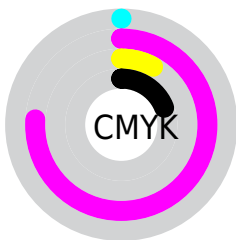
# Distribution



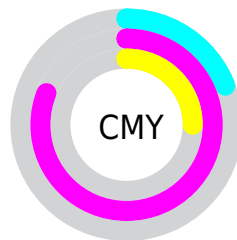
- Red (81%)
- Green (19%)
- Blue (75%)



- Red (81%)
- Yellow (19%)
- Blue (75%)



- Cyan (0%)
- Magenta (76%)
- Yellow (8%)
- Black (19%)



- Cyan (19%)
- Magenta (81%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13513150 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 13513150 by changing the saturation by 10% instead.



 13513150

 13513150

16777215

 11600035

 16740599

 9699464

 16748031

 7798894

 16755711

 5963861

 16763135

 4259902

 16770815

 2359335

 271

 0

 13513150

 13513150

13507772

13518528

13502650

13523650

13500601

13529028

13534150

13539528

13544907

13550029

13555407

13560529

# Harmonies

## Analogous

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



7431156



13513150



15728760

# Triad

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



13513150



9467904



38595

# Complementary

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



13513150



3264065

# 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.



38523



13513150



4491520

# Square

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



13513150



12998912



37421



37367

# Rectangle

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



13513150



15729482



37421



38572



# Sweetspot

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



13513150



16762105



4272590



8412284



0



8421504



# Same Dimension

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



13513150



16717799



13513072



6708325



10879125



2490402



# Inverse Universe

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



13513150



16717799



3264143



6708325



10879125



2490402



# Previews

## White Background



This preview shows how the Decimal color 13513150 looks on a white background.

## Color Contrast Check

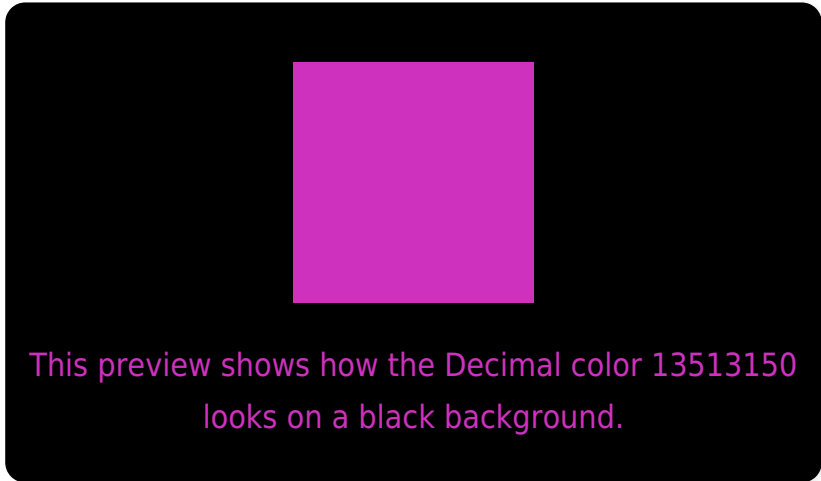
Large Text (above 18pt) WCAG AA ✓ Pass

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

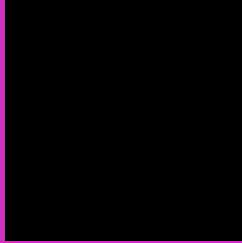
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13513150 Background



This preview shows how black text looks on a background with the Decimal color 13513150.




This preview shows how white text looks on a background with the Decimal color 13513150.

# 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**  
12866907

# Trichromacy



**Original Color**  
13513150



**Protanomaly**  
4938980



**Deuteranomaly**  
8937400



**Tritanomaly**  
13125759

# Monochromacy



**Original Color**  
13513150



**Achromatopsia**  
7368816



**Achromatomaly**  
9591180

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13513150 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 #CE31BE looks like.

```
.text, #text, p{  
    color:#CE31BE  
}
```

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 #CE31BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE31BE
}
```

## Border

The CSS property to change the border of an element to Decimal 13513150 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
#CE31BE }
```

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

```
.border{ border-color:#CE31BE }
```

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

Here you see how a box with a 4 pixel #CE31BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE31BE; -webkit-box-shadow:4px 4px  
4px 4px #CE31BE; box-shadow:4px 4px 4px  
4px #CE31BE }
```

# Background

The CSS property to change the background color of an element to Decimal 13513150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE31BE }
```

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

```
.background{ background-color:#CE31BE }
```

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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