

# Converting Colors

Decimal(13023457)

Have a look what the booklet for  
Decimal(13023457) contains.

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# **Color**

**Decimal(13023457)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6B8E1
RGB	198, 184, 225
RGB Percent	78%, 72%, 88%
CMY	0.2235, 0.2784, 0.1176
CMYK	0.12, 0.18, 0.00, 0.12
HSL	260°, 41%, 80%
HSV	260°, 18%, 88%
XYZ	54.0198, 51.7230, 78.3705
YIQ	192.8600, -4.8170, 15.7190

# Conversions

## Conversions Part 2

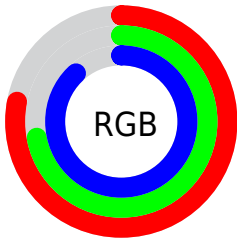
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 184, 225
Decimal	13023457
CIE <sub>Lab</sub>	77.11, 12.81, -18.69
CIE <sub>LCh</sub>	77, 22.661, 304.419
Yxy	51.7230, 0.2934, 0.2809
Android (android.graphics.Color)	4291213537 (0xFFC6B8E1)
YUV	192.8600, 15.8450, 4.5078
Hunter-Lab	71.9187, 8.2178, -14.2658

# Details

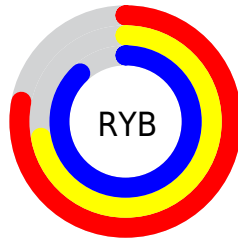
The Decimal color **13023457** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **13885880**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **16773375**, and **9470890** is the 20% darker color. If you saturate the color by 10%, you get **12034785**, and if you desaturate by 10%, it is **14012385**.

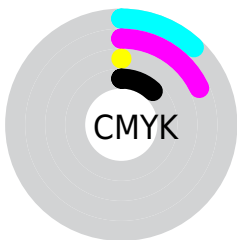
# Distribution



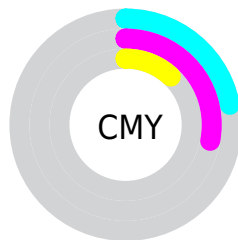
- Red (78%)
- Green (72%)
- Blue (88%)



- Red (78%)
- Yellow (72%)
- Blue (88%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



- Cyan (22%)
- Magenta (28%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13023457 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 13023457 by changing the saturation by 10% instead.



■ 13023457

■ 13023457

16777215

■ 11247045

■ 16773375

■ 9470890

■ 7760527

■ 6115957

■ 4537181

■ 3024197

■ 1577262

■ 282

■ 0

■ 13023457

■ 13023457

■ 12034785

■ 14012385

■ 11045857

■ 15001057

■ 10122721

■ 15924193

■ 9133793

■ 16777185

■ 8144865

■ 7156193

■ 6167265

■ 5178593

■ 5046497

# Harmonies

## Analogous

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



11190248



13023457



14463697

# Triad

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



13023457



14595993



9096129

# Complementary

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



13023457



13885880

# 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.



10275244



13023457



13352597

# Square

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



13023457



15315368



11846811



8702421

# Rectangle

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



13023457



15118531



11846811



9423546



# Sweetspot

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



13023457



16249599



12112865



8026240



0



8421504



# Same Dimension

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



13023457



14338047



14334177



6907248



3932336



1114160



# Inverse Universe

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



14792915



16762860



12575160



7365996



11534452



3145760



# Previews

## White Background



This preview shows how the Decimal color 13023457 looks on a white background.

## Color Contrast Check

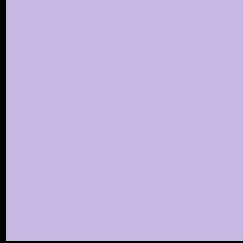
Large Text (above 18pt) WCAG AA × Fail

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 13023457 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

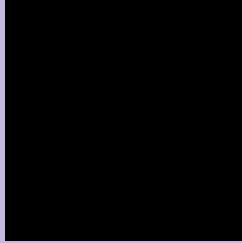
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13023457 Background



This preview shows how black text looks on a background with the Decimal color 13023457.



This preview shows how white text looks on a background with the Decimal color 13023457.

# 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



**Original Color**  
13023457

**Protanopia**  
11976164

**Deuteranopia**  
12630753



**Tritanopia**  
12762315

# Trichromacy



**Original Color**  
13023457

**Protanomaly**  
12368867

**Deuteranomaly**  
12761569

**Tritanomaly**  
12827603

# Monochromacy



**Original Color**  
13023457

**Achromatopsia**  
12698049

**Achromatomaly**  
12828365

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13023457 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 #C6B8E1 looks like.

```
.text, #text, p{  
    color:#C6B8E1  
}
```

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 #C6B8E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6B8E1
}
```

## Border

The CSS property to change the border of an element to Decimal 13023457 is called "border". The border property can be set on classes, ids or directly on the HTML element.

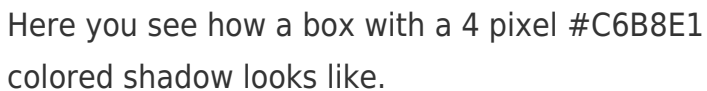
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C6B8E1 }
```

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

```
.border{ border-color:#C6B8E1 }
```

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



Here you see how a box with a 4 pixel `#C6B8E1` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6B8E1; -webkit-box-shadow:4px 4px  
4px 4px #C6B8E1; box-shadow:4px 4px 4px  
4px #C6B8E1 }
```

# Background

The CSS property to change the background color of an element to Decimal 13023457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6B8E1 }
```

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

```
.background{ background-color:#C6B8E1 }
```

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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