

# Converting Colors

Decimal(16304632)

Have a look what the booklet for  
Decimal(16304632) contains.

<b>Decimal(16304632)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16304632)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8C9F8
RGB	248, 201, 248
RGB Percent	97%, 79%, 97%
CMY	0.0275, 0.2118, 0.0275
CMYK	0.00, 0.19, 0.00, 0.03
HSL	300°, 77%, 88%
HSV	300°, 19%, 97%
XYZ	76.5413, 68.5071, 97.9960
YIQ	220.4110, 12.9250, 24.5810

# Conversions

## Conversions Part 2

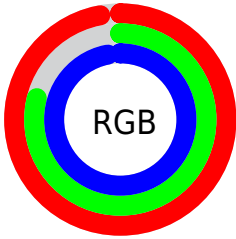
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 201, 248
Decimal	16304632
CIE Lab	86.26, 24.41, -16.79
CIE LCh	86, 29.625, 325.478
Yxy	68.5071, 0.3149, 0.2819
Android (android.graphics.Color)	4294494712 (0xFFFF8C9F8)
YUV	220.4110, 13.6014, 24.1956
Hunter-Lab	82.7690, 20.2236, -12.2593

# Details

The Decimal color **16304632** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **13236425**, and the grayscale version is **14474460**.

A 20% lighter version of the original color is **16777215**, and **12555200** is the 20% darker color. If you saturate the color by 10%, you get **16298232**, and if you desaturate by 10%, it is **16311032**.

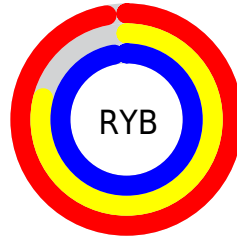
# Distribution



Red (97%)

Green (79%)

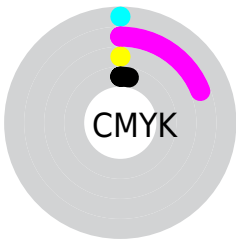
Blue (97%)



Red (97%)

Yellow (79%)

Blue (97%)

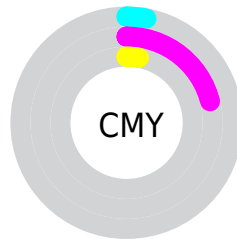


Cyan (0%)

Magenta (19%)

Yellow (0%)

Black (3%)



Cyan (3%)

Magenta (21%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16304632 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 16304632 by changing the saturation by 10% instead.



 16304632

 16304632

16777215

 14396891

 12555200

 10779044

 9003146

 7292785

 5648472

 4069953

 2622506

 655381

 16304632

 16304632

 16298232

 16311032

 16291832

 16317432

 16285688

 16318456

 16279288

 16272888

 16266488

 16260088

 16253944

 16253176

# Harmonies

## Analogous

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



14144255



16304632



16762077

# Triad

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



16304632



15848864



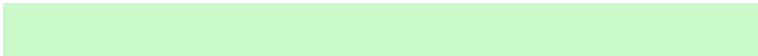
8841199

# Complementary

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



16304632



13236425

# 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.



9889746



16304632



13884837

# Square

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



16304632



16763819



11789495



9430015

# Rectangle

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



16304632



16762058



11789495



9038054



# Sweetspot

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



16304632



16773375



13224440



8419200



0



8421504



# Same Dimension

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



16304632



16762111



16304609



8220797



12386493



3997757



# Inverse Universe

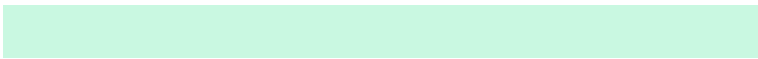
The Inverse Universe completely reimagines the original color for something new.



16304632



16762111



13236449



8220797



12386493



3997757



# Previews

## White Background



This preview shows how the Decimal color 16304632 looks on a white background.

## Color Contrast Check

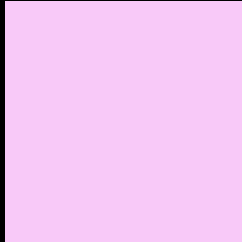
Large Text (above 18pt) WCAG AA × Fail

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 16304632 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 16304632 Background



This preview shows how black text looks on a background with the Decimal color 16304632.



This preview shows how white text looks on a background with the Decimal color 16304632.

# 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**  
16043742

# Trichromacy



**Original Color**  
16304632



**Protanomaly**  
14668284



**Deuteranomaly**  
15257591

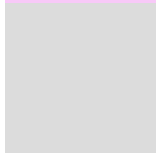


**Tritanomaly**  
16108775

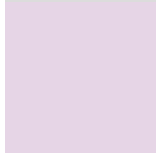
# Monochromacy



**Original Color**  
16304632



**Achromatopsia**  
14474460



**Achromatomaly**  
15128038

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16304632 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 #F8C9F8 looks like.

```
.text, #text, p{  
    color:#F8C9F8  
}
```

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 #F8C9F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8C9F8
}
```

## Border

The CSS property to change the border of an element to Decimal 16304632 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
#F8C9F8 }
```

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

```
.border{ border-color:#F8C9F8 }
```

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

Here you see how a box with a 4 pixel #F8C9F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8C9F8; -webkit-box-shadow:4px 4px  
4px 4px #F8C9F8; box-shadow:4px 4px 4px  
4px #F8C9F8 }
```

# Background

The CSS property to change the background color of an element to Decimal 16304632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8C9F8 }
```

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

```
.background{ background-color:#F8C9F8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor