

# Converting Colors

Decimal(16422630)

Have a look what the booklet for  
Decimal(16422630) contains.

<b>Decimal(16422630)</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(16422630)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA96E6
RGB	250, 150, 230
RGB Percent	98%, 59%, 90%
CMY	0.0196, 0.4118, 0.0980
CMYK	0.00, 0.40, 0.08, 0.02
HSL	312°, 91%, 78%
HSV	312°, 40%, 98%
XYZ	64.6136, 47.8499, 80.6933
YIQ	189.0200, 33.9200, 46.0800

# Conversions

## Conversions Part 2

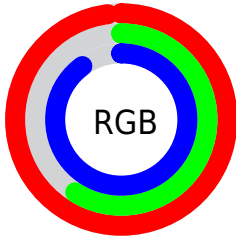
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 150, 230
Decimal	16422630
CIE <sub>Lab</sub>	74.73, 48.56, -24.56
CIE <sub>LCh</sub>	75, 54.420, 333.173
Y <sub>xy</sub>	47.8499, 0.3345, 0.2477
Android (android.graphics.Color)	4294612710 (0xFFFA96E6)
YUV	189.0200, 20.2031, 53.4795
Hunter-Lab	69.1736, 45.6794, -20.7423

# Details

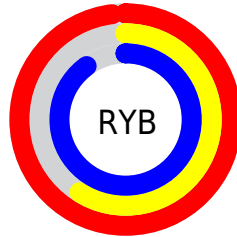
The Decimal color **16422630** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9894570**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **16764671**, and **12607662** is the 20% darker color. If you saturate the color by 10%, you get **16416225**, and if you desaturate by 10%, it is **16429035**.

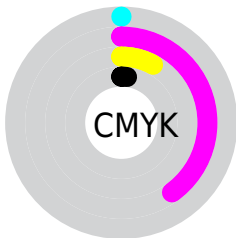
# Distribution



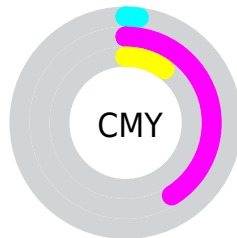
- Red (98%)
- Green (59%)
- Blue (90%)



- Red (98%)
- Yellow (59%)
- Blue (90%)



- Cyan (0%)
- Magenta (40%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (41%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16422630 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 16422630 by changing the saturation by 10% instead.



 16422630

 16422630

16777215

 14515146

 16764671

 12607662


 16772095

 10765972

 8924026

 7146081

 5439561

 3801138

 2162716

 0

 16422630

 16422630

 16416225

 16429035

 16409820

 16435440

 16403415

 16441845

 16397010

 16448250

 16390605

 16449535

 16384200

# Harmonies

## Analogous

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



12757503



16422630



16747957

# Triad

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



16422630



13678416



53485

# Complementary

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



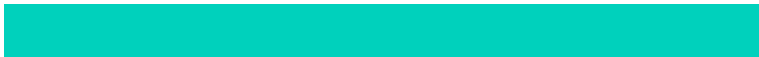
16422630



9894570

# 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.



53692



16422630



10274145

# Square

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



16422630



16360799



5885577



51711

# Rectangle

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



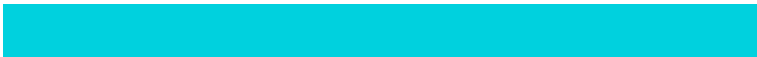
16422630



16748691



5885577



53726



# Sweetspot

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



16422630



16769273



11179770



8416892



0



8421504



# Same Dimension

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



16422630



16745959



16422580



8220794



12386455



3997745



# Inverse Universe

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



16422630



16745959



9894620



8220794



12386455



3997745



# Previews

## White Background



This preview shows how the Decimal color 16422630 looks on a white background.

## Color Contrast Check

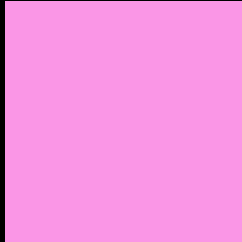
Large Text (above 18pt) WCAG AA × Fail

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 16422630 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 16422630 Background



This preview shows how black text looks on a background with the Decimal color 16422630.

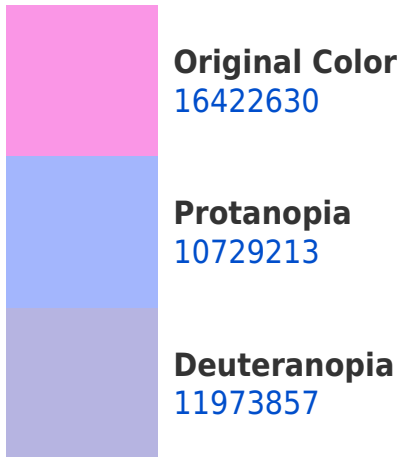



This preview shows how white text looks on a background with the Decimal color 16422630.

# 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**  
15966638

# Trichromacy



**Original Color**  
16422630



**Protanomaly**  
12823285



**Deuteranomaly**  
13609443



**Tritanomaly**  
16162242

# Monochromacy



**Original Color**  
16422630



**Achromatopsia**  
12434877



**Achromatomaly**  
13873100

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16422630 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 #FA96E6 looks like.

```
.text, #text, p{  
    color:#FA96E6  
}
```

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 #FA96E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA96E6  
}
```

## Border

The CSS property to change the border of an element to Decimal 16422630 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  
#FA96E6 }
```

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

```
.border{ border-color:#FA96E6 }
```

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

Here you see how a box with a 4 pixel #FA96E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA96E6; -webkit-box-shadow:4px 4px  
4px 4px #FA96E6; box-shadow:4px 4px 4px  
4px #FA96E6 }
```

# Background

The CSS property to change the background color of an element to Decimal 16422630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA96E6 }
```

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

```
.background{ background-color:#FA96E6 }
```

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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