

# Converting Colors

Decimal(16598964)

Have a look what the booklet for  
Decimal(16598964) contains.

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# **Color**

**Decimal(16598964)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD47B4
RGB	253, 71, 180
RGB Percent	99%, 28%, 71%
CMY	0.0078, 0.7216, 0.2941
CMYK	0.00, 0.72, 0.29, 0.01
HSL	324°, 98%, 64%
HSV	324°, 72%, 99%
XYZ	50.9995, 28.6844, 46.0287
YIQ	137.8440, 73.4830, 72.4830

# Conversions

## Conversions Part 2

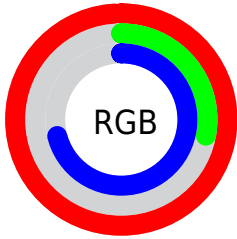
Format	Color
<a href="#">RYB</a>	<a href="#">253, 71, 180</a>
Decimal	<a href="#">16598964</a>
CIELab	<a href="#">60.50, 76.55, -18.20</a>
CIELCh	<a href="#">61, 78.683, 346.625</a>
Yxy	<a href="#">28.6844, 0.4057, 0.2282</a>
Android (android.graphics.Color)	<a href="#">4294789044 (0xFFFD47B4)</a>
YUV	<a href="#">137.8440, 20.7829, 100.9918</a>
Hunter-Lab	<a href="#">53.5578, 76.2472, -13.4646</a>

# Details

The Decimal color **16598964** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **4717968**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **16745964**, and **12583039** is the 20% darker color. If you saturate the color by 10%, you get **16592554**, and if you desaturate by 10%, it is **16605374**.

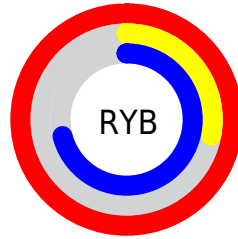
# Distribution



Red (99%)

Green (28%)

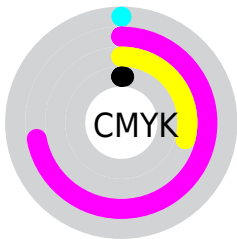
Blue (71%)



Red (99%)

Yellow (28%)

Blue (71%)

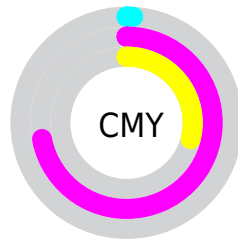


Cyan (0%)

Magenta (72%)

Yellow (29%)

Black (1%)



Cyan (1%)

Magenta (72%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16598964 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 16598964 by changing the saturation by 10% instead.



 16598964

 16598964

16777215

 14557081

 16745964

 12583039

 16753663

 10616934

 16761343

 8650830

 16769023

 6750263

 16776703

 4980770

 3014662

 0

 16598964

 16598964

16592554

16605374

16585888

16612040

16580760

16618450

16624861

16631527

16637937

16644347

16646143

# Harmonies

## Analogous

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



12872690



16598964



16728943

# Triad

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



16598964



9214464



44790

# Complementary

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



16598964



4717968

# 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.



45496



16598964



2992164

# Square

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



16598964



13206272



44911



41983

# Rectangle

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



16598964



16734019



44911



45028



# Sweetspot

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



16598964



16762856



9455613



8412786



0



8421504



# Same Dimension

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



16598964



16721063



16598873



8418170



12517491



4194342



# Inverse Universe

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



16598964



16721063



4718059



8418170



12517491



4194342



# Previews

## White Background



This preview shows how the Decimal color 16598964 looks on a white background.

## Color Contrast Check

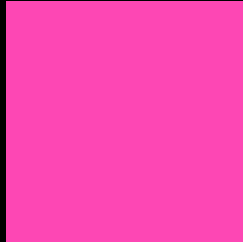
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 16598964 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 × Fail

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



## Decimal 16598964 Background



This preview shows how black text looks on a background with the Decimal color 16598964.



This preview shows how white text looks on a background with the Decimal color 16598964.

# 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**

16598964



**Protanomaly**

10712534



**Deuteranomaly**

12285358



**Tritanomaly**

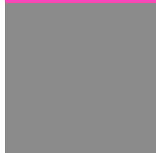
16340609

# Monochromacy



**Original Color**

16598964



**Achromatopsia**

9079434



**Achromatomaly**

11825817

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16598964 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 #FD47B4 looks like.

```
.text, #text, p{  
    color:#FD47B4  
}
```

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 #FD47B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD47B4
}
```

## Border

The CSS property to change the border of an element to Decimal 16598964 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
#FD47B4 }
```

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

```
.border{ border-color:#FD47B4 }
```

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

Here you see how a box with a 4 pixel #FD47B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD47B4; -webkit-box-shadow:4px 4px  
4px 4px #FD47B4; box-shadow:4px 4px 4px  
4px #FD47B4 }
```

# Background

The CSS property to change the background color of an element to Decimal 16598964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD47B4 }
```

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

```
.background{ background-color:#FD47B4 }
```

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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