

Converting Colors

Decimal(16684772)

Have a look what the booklet for
Decimal(16684772) contains.

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Color

Decimal(16684772)

Conversions

Conversions Part 1

Format	Color
Hex	FE96E4
RGB	254, 150, 228
RGB Percent	100%, 59%, 89%
CMY	0.0039, 0.4118, 0.1059
CMYK	0.00, 0.41, 0.10, 0.00
HSL	315°, 98%, 79%
HSV	315°, 41%, 100%
XYZ	65.7830, 48.4850, 79.2902
YIQ	189.9880, 36.9460, 46.3060

Conversions

Conversions Part 2

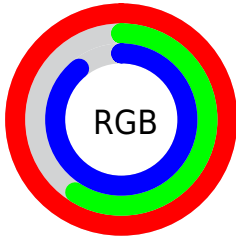
Format	Color
R_{YB}	254, 150, 228
Decimal	16684772
CIE Lab	75.13, 49.48, -22.82
CIE LCh	75, 54.484, 335.244
Yxy	48.4850, 0.3399, 0.2505
Android (android.graphics.Color)	4294874852 (0xFFFE96E4)
YUV	189.9880, 18.7399, 56.1385
Hunter-Lab	69.6311, 46.7807, -18.7727

Details

The Decimal color **16684772** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9895600**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **16764671**, and **12869804** is the 20% darker color. If you saturate the color by 10%, you get **16678366**, and if you desaturate by 10%, it is **16691178**.

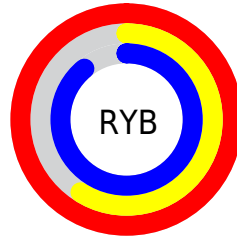
Distribution



Red (100%)

Green (59%)

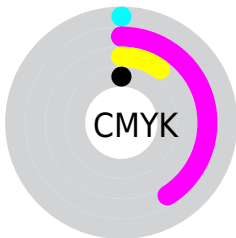
Blue (89%)



Red (100%)

Yellow (59%)

Blue (89%)

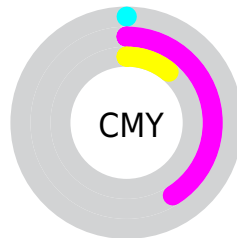


Cyan (0%)

Magenta (41%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16684772 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 16684772 by changing the saturation by 10% instead.

 16684772

 16684772

16777215

 14711752

 16764671

 12869804

 16772095

 10962578

 9120376

 7342175

 5636167

 3932208

 2359323

 0

 16684772

 16684772

 16678366

 16691178

 16671703

 16697841

 16665297

 16704247

 16658635

 16710909

 16652228

16711679

 16646335

Harmonies

Analogous

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



13150463



16684772



16748210

Triad

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



16684772



13547857



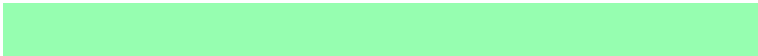
53745

Complementary

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



16684772



9895600

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.



53953



16684772



10078052

Square

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



16684772



16295774



5492621



51711

Rectangle

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



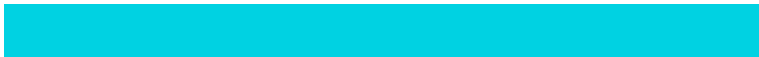
16684772



16749201



5492621



53986

Sweetspot

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



16684772



16769271



11572990



8416891



0



8421504

Same Dimension

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



16684772



16745184



16684720



8418172



12517519



4194352

Inverse Universe

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



16684772



16745184



9895652



8418172



12517519



4194352

Previews

White Background



This preview shows how the Decimal color 16684772 looks on a white background.

Color Contrast Check

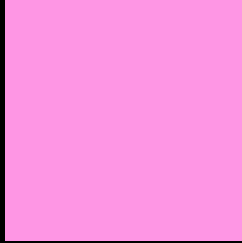
Large Text (above 18pt) WCAG AA × Fail

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 16684772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

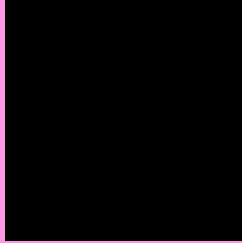
Any Text WCAG AA ✓ Pass

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 16684772 Background



This preview shows how black text looks on a background with the Decimal color 16684772.

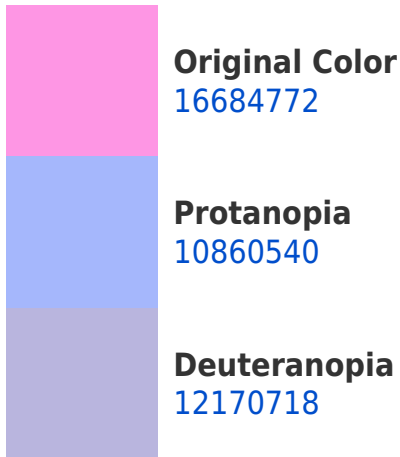



This preview shows how white text looks on a background with the Decimal color 16684772.

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
16294317

Trichromacy



Original Color
16684772



Protanomaly
12954611



Deuteranomaly
13806304



Tritanomaly
16424385

Monochromacy



Original Color
16684772



Achromatopsia
12500670



Achromatomaly
14004172

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16684772 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 #FE96E4 looks like.

```
.text, #text, p{  
    color:#FE96E4  
}
```

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 #FE96E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE96E4
}
```

Border

The CSS property to change the border of an element to Decimal 16684772 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
#FE96E4 }
```

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

```
.border{ border-color:#FE96E4 }
```

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

Here you see how a box with a 4 pixel #FE96E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE96E4; -webkit-box-shadow:4px 4px  
4px 4px #FE96E4; box-shadow:4px 4px 4px  
4px #FE96E4 }
```

Background

The CSS property to change the background color of an element to Decimal 16684772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE96E4 }
```

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

```
.background{ background-color:#FE96E4 }
```

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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