

Converting Colors

Decimal(16214726)

Have a look what the booklet for
Decimal(16214726) contains.

Decimal(16214726)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16214726)

Conversions

Conversions Part 1

Format	Color
Hex	F76AC6
RGB	247, 106, 198
RGB Percent	97%, 42%, 78%
CMY	0.0314, 0.5843, 0.2235
CMYK	0.00, 0.57, 0.20, 0.03
HSL	321°, 90%, 69%
HSV	321°, 57%, 97%
XYZ	53.7048, 34.1594, 57.1890
YIQ	158.6470, 54.5040, 58.5040

Conversions

Conversions Part 2

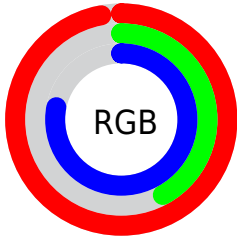
Format	Color
R_{YB}	247, 106, 198
Decimal	16214726
CIE _{Lab}	65.09, 63.84, -21.56
CIE _{LCh}	65, 67.381, 341.340
Yxy	34.1594, 0.3702, 0.2355
Android (android.graphics.Color)	4294404806 (0xFFFF76AC6)
YUV	158.6470, 19.4010, 77.4856
Hunter-Lab	58.4461, 61.7392, -17.1025

Details

The Decimal color **16214726** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7010203**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **16753663**, and **12267152** is the 20% darker color. If you saturate the color by 10%, you get **16208317**, and if you desaturate by 10%, it is **16221135**.

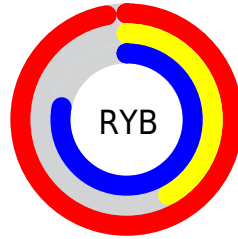
Distribution



Red (97%)

Green (42%)

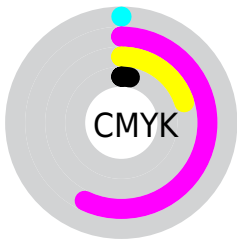
Blue (78%)



Red (97%)

Yellow (42%)

Blue (78%)

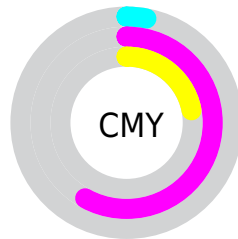


Cyan (0%)

Magenta (57%)

Yellow (20%)

Black (3%)



Cyan (3%)

Magenta (58%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16214726 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 16214726 by changing the saturation by 10% instead.

 16214726

 16214726

16777215

 14241195

 16753663

 12267152

 16761087

 10354806

 16768511

 8519773

 16776191

 6684742

 4915247

 3145754

 0

 16214726

 16214726

■ 16208317

■ 16221135

■ 16202165

■ 16227287

■ 16195756

■ 16233696

■ 16189348

■ 16240104

■ 16187553

■ 16246257

■ 16252666

■ 16252927

Harmonies

Analogous

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



12485881



16214726



16736906

Triad

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



16214726



10985997



47340

Complementary

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



16214726



7010203

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.



47796



16214726



6533180

Square

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



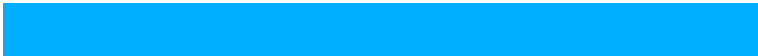
16214726



14322977



47221



45055

Rectangle

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



16214726



16739427



47221



47579

Sweetspot

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



16214726



16766192



10054391



8414839



0



8421504

Same Dimension

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



16214726



16732098



16214658



8023670



12189817



3866662

Inverse Universe

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



16214726



16732098



7010271



8023670



12189817



3866662

Previews

White Background



This preview shows how the Decimal color 16214726 looks on a white background.

Color Contrast Check

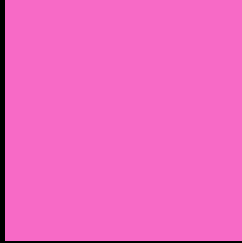
Large Text (above 18pt) WCAG AA × Fail

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 16214726 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 16214726 Background



This preview shows how black text looks on a background with the Decimal color 16214726.

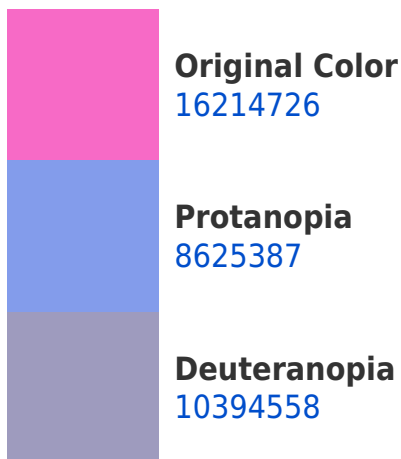



This preview shows how white text looks on a background with the Decimal color 16214726.

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
15760002

Trichromacy



Original Color
16214726



Protanomaly
11373278



Deuteranomaly
12487105



Tritanomaly
15955099

Monochromacy



Original Color
16214726



Achromatopsia
10461087



Achromatomaly
12553389

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16214726 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 #F76AC6 looks like.

```
.text, #text, p{  
    color:#F76AC6  
}
```

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 #F76AC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F76AC6
}
```

Border

The CSS property to change the border of an element to Decimal 16214726 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
#F76AC6 }
```

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

```
.border{ border-color:#F76AC6 }
```

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

Here you see how a box with a 4 pixel #F76AC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F76AC6; -webkit-box-shadow:4px 4px  
4px 4px #F76AC6; box-shadow:4px 4px 4px  
4px #F76AC6 }
```

Background

The CSS property to change the background color of an element to Decimal 16214726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F76AC6 }
```

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

```
.background{ background-color:#F76AC6 }
```

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