

Converting Colors

Decimal(16742866)

Have a look what the booklet for
Decimal(16742866) contains.

Decimal(16742866)	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(16742866)

Conversions

Conversions Part 1

Format	Color
Hex	FF79D2
RGB	255, 121, 210
RGB Percent	100%, 47%, 82%
CMY	0.0000, 0.5255, 0.1765
CMYK	0.00, 0.53, 0.18, 0.00
HSL	320°, 100%, 74%
HSV	320°, 53%, 100%
XYZ	59.7102, 39.5879, 65.4669
YIQ	171.2120, 51.2950, 56.0870

Conversions

Conversions Part 2

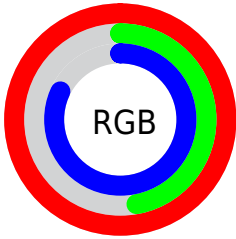
Format	Color
R_{YB}	255, 121, 210
Decimal	16742866
CIE _{Lab}	69.17, 61.09, -21.95
CIE _{LCh}	69, 64.917, 340.236
Yxy	39.5879, 0.3624, 0.2403
Android (android.graphics.Color)	4294932946 (0xFFFF79D2)
YUV	171.2120, 19.1225, 73.4821
Hunter-Lab	62.9189, 59.2889, -17.6478

Details

The Decimal color **16742866** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7995302**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16757503**, and **12796059** is the 20% darker color. If you saturate the color by 10%, you get **16736457**, and if you desaturate by 10%, it is **16749531**.

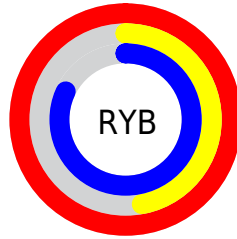
Distribution



Red (100%)

Green (47%)

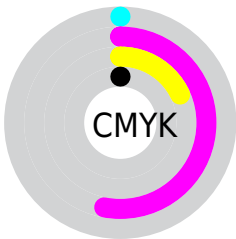
Blue (82%)



Red (100%)

Yellow (47%)

Blue (82%)

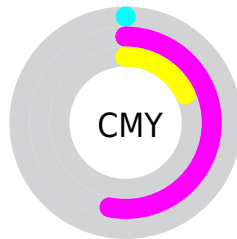


Cyan (0%)

Magenta (53%)

Yellow (18%)

Black (0%)



Cyan (0%)















Magenta (53%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16742866 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 16742866 by changing the saturation by 10% instead.

 16742866	 16742866
16777215	 14769590
 16757503	 12796059
 16764671	 10887297
 16772351	 9044072
	 7209040
	 5439544
	 3801123
	 1703945
	 0

 16742866

 16742866

 16736457

 16749531

 16729793

 16755939

 16723128

 16762348

 16716720

 16769012

 16711849

 16775677

16777215

Harmonies

Analogous

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



13013503



16742866



16740759

Triad

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



16742866



11906087



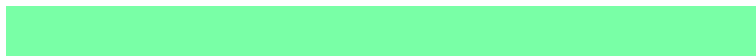
50164

Complementary

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



16742866



7995302

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.



50620



16742866



7715657

Square

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



16742866



15177780



49791



47871

Rectangle

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



16742866



16742769



49791



50403

Sweetspot

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



16742866



16766705



10910207



8415095



0



8421504

Same Dimension

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



16742866



16735945



16742799



8418171



12517503



4194346

Inverse Universe

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



16742866



16735945



7995369



8418171



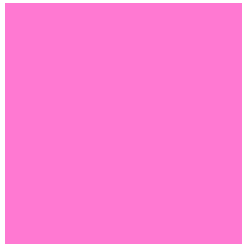
12517503



4194346

Previews

White Background



This preview shows how the Decimal color 16742866 looks on a white background.

Color Contrast Check

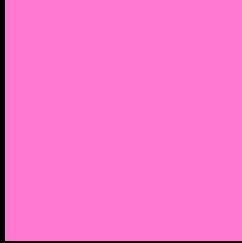
Large Text (above 18pt) WCAG AA × Fail

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 16742866 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 16742866 Background



This preview shows how black text looks on a background with the Decimal color 16742866.




This preview shows how white text looks on a background with the Decimal color 16742866.

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
16287633

Trichromacy



Original Color

16742866



Protanomaly

12097256



Deuteranomaly

13145550



Tritanomaly

16482985

Monochromacy



Original Color

16742866



Achromatopsia

11250603



Achromatomaly

13277625

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16742866 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 #FF79D2 looks like.

```
.text, #text, p{  
    color:#FF79D2  
}
```

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 #FF79D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF79D2
}
```

Border

The CSS property to change the border of an element to Decimal 16742866 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
#FF79D2 }
```

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

```
.border{ border-color:#FF79D2 }
```

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

Here you see how a box with a 4 pixel #FF79D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF79D2; -webkit-box-shadow:4px 4px  
4px 4px #FF79D2; box-shadow:4px 4px 4px  
4px #FF79D2 }
```

Background

The CSS property to change the background color of an element to Decimal 16742866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF79D2 }
```

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

```
.background{ background-color:#FF79D2 }
```

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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