

Converting Colors

Decimal(16745896)

Have a look what the booklet for
Decimal(16745896) contains.

Decimal(16745896)	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(16745896)

Conversions

Conversions Part 1

Format	Color
Hex	FF85A8
RGB	255, 133, 168
RGB Percent	100%, 52%, 66%
CMY	0.0000, 0.4784, 0.3412
CMYK	0.00, 0.48, 0.34, 0.00
HSL	343°, 100%, 76%
HSV	343°, 48%, 100%
XYZ	56.6954, 40.8622, 41.9448
YIQ	173.4680, 61.4770, 36.7490

Conversions

Conversions Part 2

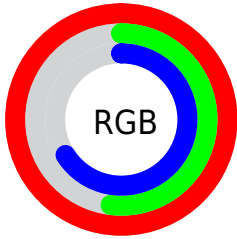
Format	Color
R _Y B	255, 133, 168
Decimal	16745896
CIE Lab	70.08, 49.86, 2.89
CIE LCh	70, 49.947, 3.315
Yxy	40.8622, 0.4064, 0.2929
Android (android.graphics.Color)	4294935976 (0xFFFF85A8)
YUV	173.4680, -2.6957, 71.5036
Hunter-Lab	63.9236, 46.4499, 5.8421

Details

The Decimal color **16745896** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **8781788**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **16760287**, and **12799860** is the 20% darker color. If you saturate the color by 10%, you get **16739478**, and if you desaturate by 10%, it is **16752570**.

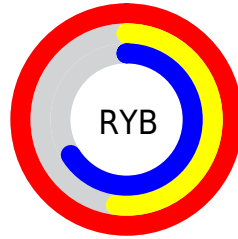
Distribution



Red (100%)

Green (52%)

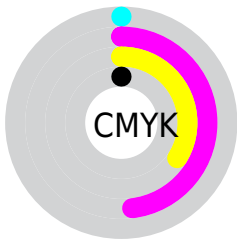
Blue (66%)



Red (100%)

Yellow (52%)

Blue (66%)

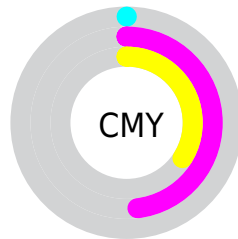


Cyan (0%)

Magenta (48%)

Yellow (34%)

Black (0%)



Cyan (0%)














Magenta (48%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16745896 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 16745896 by changing the saturation by 10% instead.

 16745896	 16745896
16777215	 14772878
 16760287	 12799860
 16767484	 10892380
 16774911	 8983620
	 7143470
	 5308442
	 3735554
	 1114112
	 0

 16745896

 16745896

 16739478

 16752570

 16732804

 16758988

 16726385

 16765663

 16719711

 16772081

 16713293

16777215

 16711753

Harmonies

Analogous

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



15240661



16745896



16616316

Triad

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



16745896



9615197



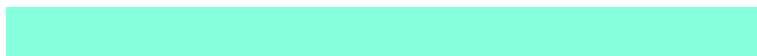
48124

Complementary

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



16745896



8781788

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.



49628



16745896



5685121

Square

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



16745896



12692046



49839



6663935

Rectangle

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



16745896



15766884



49839



48627

Sweetspot

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



16745896



16767974



14321151



8415856



0



8421504

Same Dimension

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



16745896



16739991



16752005



8418166



12517431



4194322

Inverse Universe

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



16745896



16739991



8775679



8418166



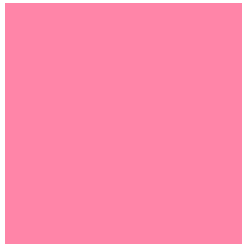
12517431



4194322

Previews

White Background



This preview shows how the Decimal color 16745896 looks on a white background.

Color Contrast Check

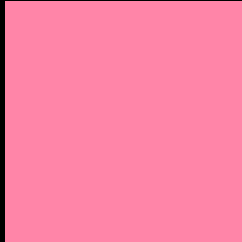
Large Text (above 18pt) WCAG AA × Fail

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 16745896 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 16745896 Background



This preview shows how black text looks on a background with the Decimal color 16745896.



This preview shows how white text looks on a background with the Decimal color 16745896.

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



Original Color
16745896

Protanopia
11119550

Deuteranopia
12625571



Tritanopia
16615827

Trichromacy



Original Color
16745896



Protanomaly
13147574



Deuteranomaly
14129829



Tritanomaly
16681115

Monochromacy



Original Color
16745896



Achromatopsia
11382189



Achromatomaly
13344427

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16745896 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 #FF85A8 looks like.

```
.text, #text, p{  
    color:#FF85A8  
}
```

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 #FF85A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF85A8
}
```

Border

The CSS property to change the border of an element to Decimal 16745896 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
#FF85A8 }
```

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

```
.border{ border-color:#FF85A8 }
```

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

Here you see how a box with a 4 pixel #FF85A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF85A8; -webkit-box-shadow:4px 4px  
4px 4px #FF85A8; box-shadow:4px 4px 4px  
4px #FF85A8 }
```

Background

The CSS property to change the background color of an element to Decimal 16745896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF85A8 }
```

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

```
.background{ background-color:#FF85A8 }
```

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