

Converting Colors

Decimal(16740028)

Have a look what the booklet for
Decimal(16740028) contains.

Decimal(16740028)	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(16740028)

Conversions

Conversions Part 1

Format	Color
Hex	FF6EBC
RGB	255, 110, 188
RGB Percent	100%, 43%, 74%
CMY	0.0000, 0.5686, 0.2627
CMYK	0.00, 0.57, 0.26, 0.00
HSL	328°, 100%, 72%
HSV	328°, 57%, 100%
XYZ	55.8930, 36.0427, 51.5880
YIQ	162.2470, 61.3820, 54.9980

Conversions

Conversions Part 2

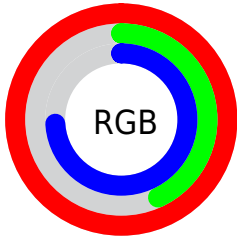
Format	Color
R_{YB}	255, 110, 188
Decimal	16740028
CIE _{Lab}	66.55, 63.07, -13.58
CIE _{LCh}	67, 64.516, 347.845
Yxy	36.0427, 0.3894, 0.2511
Android (android.graphics.Color)	4294930108 (0xFFFF6EBC)
YUV	162.2470, 12.6962, 81.3444
Hunter-Lab	60.0356, 61.1210, -8.9224

Details

The Decimal color **16740028** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7274417**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **16754676**, and **12792711** is the 20% darker color. If you saturate the color by 10%, you get **16733616**, and if you desaturate by 10%, it is **16746696**.

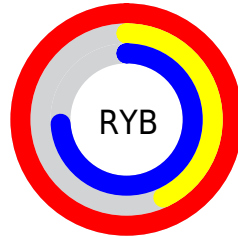
Distribution



Red (100%)

Green (43%)

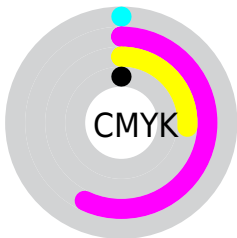
Blue (74%)



Red (100%)

Yellow (43%)

Blue (74%)

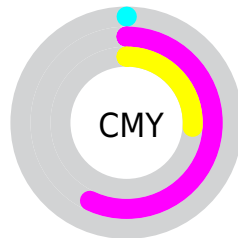


Cyan (0%)

Magenta (57%)

Yellow (26%)

Black (0%)



Cyan (0%)















Magenta (57%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16740028 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 16740028 by changing the saturation by 10% instead.

 16740028	 16740028
16777215	 14766497
 16754676	 12792711
 16762111	 10815085
 16769535	 8978517
	 7077950
	 5242920
	 3538963
	 851968
	 0

■ 16740028

■ 16740028

■ 16733616

■ 16746696

■ 16726948

■ 16753108

■ 16720281

■ 16759775

■ 16713869

■ 16766187

■ 16711817

■ 16772855

16777215

Harmonies

Analogous

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



13665264



16740028



16739458

Triad

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



16740028



10463781



47863

Complementary

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



16740028



7274417

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.



48836



16740028



5879375

Square

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



16740028



13866790



48263



45055

Rectangle

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



16740028



16742494



48263



48360

Sweetspot

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



16740028



16766187



11497215



8414836



0



8421504

Same Dimension

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



16740028



16732847



16739957



8418170



12517479



4194338

Inverse Universe

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



16740028



16732847



7274488



8418170



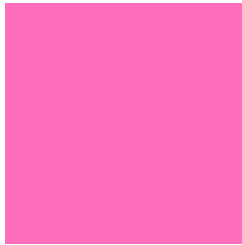
12517479



4194338

Previews

White Background



This preview shows how the Decimal color 16740028 looks on a white background.

Color Contrast Check

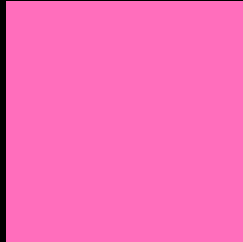
Large Text (above 18pt) WCAG AA × Fail

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 16740028 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 16740028 Background



This preview shows how black text looks on a background with the Decimal color 16740028.



This preview shows how white text looks on a background with the Decimal color 16740028.

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
16740028

Protanopia
9478367

Deuteranopia
11116212



Tritanopia
16415363

Trichromacy



Original Color
16740028



Protanomaly
12095186



Deuteranomaly
13143479



Tritanomaly
16545432

Monochromacy



Original Color
16740028



Achromatopsia
10658466



Achromatomaly
12881835

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16740028 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 #FF6EBC looks like.

```
.text, #text, p{  
    color:#FF6EBC  
}
```

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 #FF6EBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6EBC
}
```

Border

The CSS property to change the border of an element to Decimal 16740028 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
#FF6EBC }
```

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

```
.border{ border-color:#FF6EBC }
```

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

Here you see how a box with a 4 pixel #FF6EBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6EBC; -webkit-box-shadow:4px 4px  
4px 4px #FF6EBC; box-shadow:4px 4px 4px  
4px #FF6EBC }
```

Background

The CSS property to change the background color of an element to Decimal 16740028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6EBC }
```

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

```
.background{ background-color:#FF6EBC }
```

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