

Converting Colors

Decimal(16728271)

Have a look what the booklet for
Decimal(16728271) contains.

Decimal(16728271)	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(16728271)

Conversions

Conversions Part 1

Format	Color
Hex	FF40CF
RGB	255, 64, 207
RGB Percent	100%, 25%, 81%
CMY	0.0000, 0.7490, 0.1882
CMYK	0.00, 0.75, 0.19, 0.00
HSL	315°, 100%, 63%
HSV	315°, 75%, 100%
XYZ	54.3359, 29.4318, 61.8486
YIQ	137.4110, 67.9330, 84.9650

Conversions

Conversions Part 2

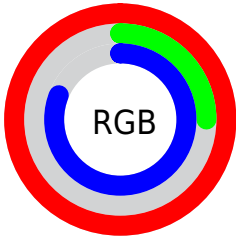
Format	Color
R _Y B	255, 64, 207
Decimal	16728271
CIE _{Lab}	61.16, 82.38, -32.60
CIE _{LCh}	61, 88.598, 338.411
Yxy	29.4318, 0.3731, 0.2021
Android (android.graphics.Color)	4294918351 (0xFFFF40CF)
YUV	137.4110, 34.3074, 103.1256
Hunter-Lab	54.2511, 83.8397, -29.6174

Details

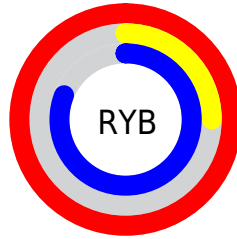
The Decimal color **16728271** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **4259696**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **16744959**, and **12714136** is the 20% darker color. If you saturate the color by 10%, you get **16721609**, and if you desaturate by 10%, it is **16734933**.

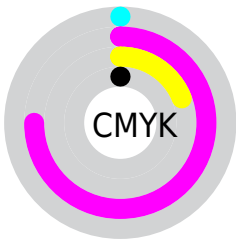
Distribution



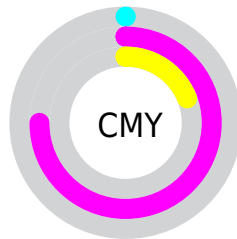
- Red (100%)
- Green (25%)
- Blue (81%)



- Red (100%)
- Yellow (25%)
- Blue (81%)



- Cyan (0%)
- Magenta (75%)
- Yellow (19%)
- Black (0%)



















- Cyan (0%)
- Magenta (75%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16728271 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 16728271 by changing the saturation by 10% instead.

 16728271	 16728271
16777215	 14683315
 16744959	 12714136
 16752639	 10748030
 16760575	 8781925
 16768255	 6881356
 16775935	 5111861
	 3145759
	 196608
	 0

■ 16728271

■ 16728271

■ 16721609

■ 16734933

■ 16715202

■ 16741340

■ 16711871

■ 16748002

■ 16754409

■ 16761071

■ 16767477

■ 16774140

16777215

Harmonies

Analogous

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



11367167



16728271



16720257

Triad

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



16728271



10459136



46324

Complementary

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



16728271



4259696

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.



46504



16728271



4434176

Square

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



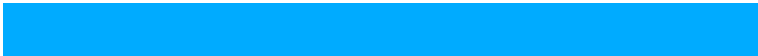
16728271



14645760



45398



44031

Rectangle

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



16728271



16727375



45398



46557

Sweetspot

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



16728271



16762865



7356671



8412791



0



8421504

Same Dimension

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



16728271



16718277



16728176



8418172



12517519



4194352

Inverse Universe

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



16728271



16718277



4259791



8418172



12517519



4194352

Previews

White Background



This preview shows how the Decimal color 16728271 looks on a white background.

Color Contrast Check

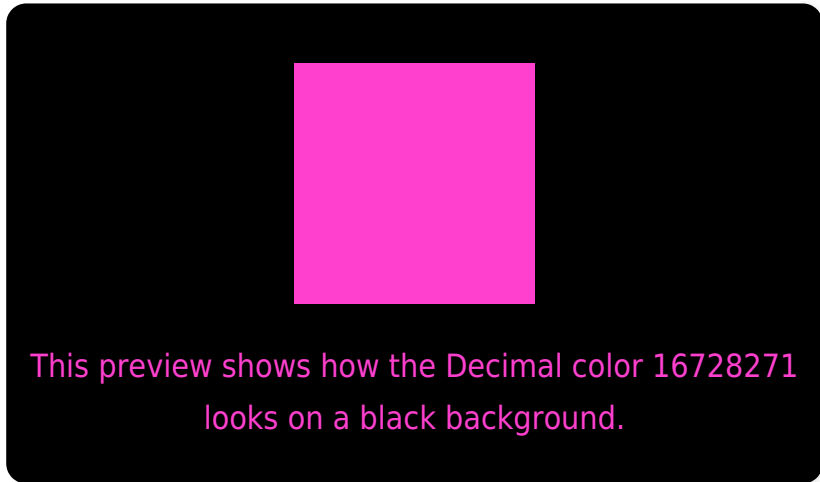
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 16728271 Background



This preview shows how black text looks on a background with the Decimal color 16728271.



This preview shows how white text looks on a background with the Decimal color 16728271.

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
16147048

Trichromacy



Original Color
16728271



Protanomaly
10187758



Deuteranomaly
11760840



Tritanomaly
16340621

Monochromacy



Original Color
16728271



Achromatopsia
9013641



Achromatomaly
11824802

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16728271 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 #FF40CF looks like.

```
.text, #text, p{  
  color:#FF40CF  
}
```

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 #FF40CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF40CF
}
```

Border

The CSS property to change the border of an element to Decimal 16728271 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
#FF40CF }
```

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

```
.border{ border-color:#FF40CF }
```

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

Here you see how a box with a 4 pixel #FF40CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF40CF; -webkit-box-shadow:4px 4px  
4px 4px #FF40CF; box-shadow:4px 4px 4px  
4px #FF40CF }
```

Background

The CSS property to change the background color of an element to Decimal 16728271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF40CF }
```

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

```
.background{ background-color:#FF40CF }
```

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