

Converting Colors

Decimal(16725216)

Have a look what the booklet for
Decimal(16725216) contains.

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Color

Decimal(16725216)

Conversions

Conversions Part 1

Format	Color
Hex	FF34E0
RGB	255, 52, 224
RGB Percent	100%, 20%, 88%
CMY	0.0000, 0.7961, 0.1216
CMYK	0.00, 0.80, 0.12, 0.00
HSL	309°, 100%, 60%
HSV	309°, 80%, 100%
XYZ	55.9225, 29.0978, 73.1900
YIQ	132.3050, 65.7760, 96.5280

Conversions

Conversions Part 2

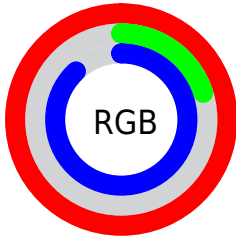
Format	Color
R _Y B	255, 52, 224
Decimal	16725216
CIE Lab	60.87, 87.65, -42.67
CIE LCh	61, 97.480, 334.043
Yxy	29.0978, 0.3535, 0.1839
Android (android.graphics.Color)	4294915296 (0xFFFF34E0)
YUV	132.3050, 45.2056, 107.6035
Hunter-Lab	53.9424, 90.6534, -42.6861

Details

The Decimal color **16725216** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **3473235**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **16743167**, and **12714152** is the 20% darker color. If you saturate the color by 10%, you get **16718556**, and if you desaturate by 10%, it is **16731876**.

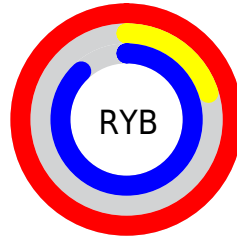
Distribution



Red (100%)

Green (20%)

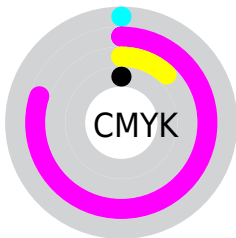
Blue (88%)



Red (100%)

Yellow (20%)

Blue (88%)

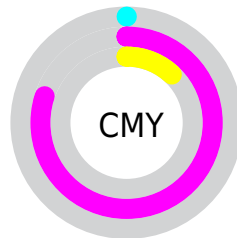


Cyan (0%)

Magenta (80%)

Yellow (12%)

Black (0%)



Cyan (0%)

















Magenta (80%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16725216 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 16725216 by changing the saturation by 10% instead.

 16725216	 16725216
16777215	 14680260
 16743167	 12714152
 16751103	 10748045
 16759039	 8781939
 16766719	 6881370
 16774655	 5046338
	 3080235
	 131092
	 0

■ 16725216

■ 16725216

■ 16718556

■ 16731876

■ 16712152

■ 16738280

■ 16711896

■ 16744940

■ 16751344

■ 16757747

■ 16764407

■ 16771067

16777215

Harmonies

Analogous

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



9926143



16725216



16711819

Triad

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



16725216



11047936



46834

Complementary

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



16725216



3473235

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.



46749



16725216



4761600

Square

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



16725216



15495168



45632



45055

Rectangle

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



16725216



16714323



45632



46807

Sweetspot

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



16725216



16761590



5387519



8412026



0



8421504

Same Dimension

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



16725216



16714458



16725115



8418174



12517538



4194358

Inverse Universe

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



16725216



16714458



3473336



8418174



12517538



4194358

Previews

White Background



This preview shows how the Decimal color 16725216 looks on a white background.

Color Contrast Check

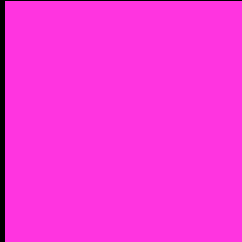
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 16725216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

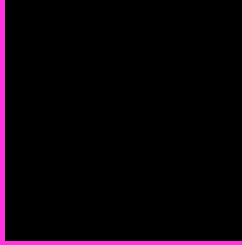
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 16725216 Background



This preview shows how black text looks on a background with the Decimal color 16725216.




This preview shows how white text looks on a background with the Decimal color 16725216.

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
16015976

Trichromacy



Original Color
16725216



Protanomaly
10121204



Deuteranomaly
11170008



Tritanomaly
16273812

Monochromacy



Original Color
16725216



Achromatopsia
8684676



Achromatomaly
11626405

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16725216 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 #FF34E0 looks like.

```
.text, #text, p{  
    color:#FF34E0  
}
```

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 #FF34E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF34E0
}
```

Border

The CSS property to change the border of an element to Decimal 16725216 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
#FF34E0 }
```

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

```
.border{ border-color:#FF34E0 }
```

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

Here you see how a box with a 4 pixel #FF34E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF34E0; -webkit-box-shadow:4px 4px  
4px 4px #FF34E0; box-shadow:4px 4px 4px  
4px #FF34E0 }
```

Background

The CSS property to change the background color of an element to Decimal 16725216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF34E0 }
```

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

```
.background{ background-color:#FF34E0 }
```

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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