

Converting Colors

Decimal(16736250)

Have a look what the booklet for
Decimal(16736250) contains.

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Color

Decimal(16736250)

Conversions

Conversions Part 1

Format	Color
Hex	FF5FFA
RGB	255, 95, 250
RGB Percent	100%, 37%, 98%
CMY	0.0000, 0.6275, 0.0196
CMYK	0.00, 0.63, 0.02, 0.00
HSL	302°, 100%, 69%
HSV	302°, 63%, 100%
XYZ	62.5875, 36.3465, 94.1593
YIQ	160.5100, 45.6050, 82.1250

Conversions

Conversions Part 2

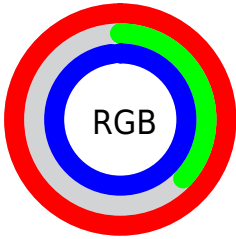
Format	Color
R_{YB}	255, 95, 250
Decimal	16736250
CIE _{Lab}	66.78, 78.17, -47.81
CIE _{LCh}	67, 91.634, 328.547
Yxy	36.3465, 0.3241, 0.1882
Android (android.graphics.Color)	4294926330 (0xFFFF5FFA)
YUV	160.5100, 44.1186, 82.8677
Hunter-Lab	60.2881, 79.8040, -50.3988

Details

The Decimal color **16736250** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **6291300**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **16751615**, and **12784321** is the 20% darker color. If you saturate the color by 10%, you get **16729593**, and if you desaturate by 10%, it is **16742907**.

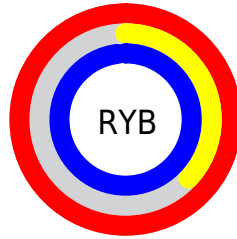
Distribution



Red (100%)

Green (37%)

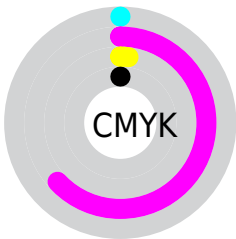
Blue (98%)



Red (100%)

Yellow (37%)

Blue (98%)

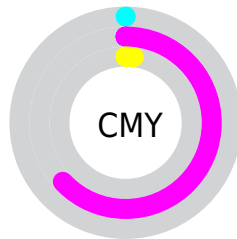


Cyan (0%)

Magenta (63%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (63%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16736250 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 16736250 by changing the saturation by 10% instead.

 16736250

 16736250

16777215

 14761949

 16751615

 12784321

 16759039

 10813605

 16766719


 8913034

 16774399

 7078000

 5177431

 3473471

 1310760

 273

■ 16736250

■ 16736250

■ 16729593

■ 16742907

■ 16723192

■ 16749308

■ 16716536

■ 16755964

■ 16711927

■ 16762365

■ 16769022

■ 16775423

16777215

Harmonies

Analogous

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



9342719



16736250



16725162

Triad

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



16736250



13082112



50928

Complementary

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



16736250



6291300

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.



50588



16736250



7779328

Square

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



16736250



16742912



49220



49407

Rectangle

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



16736250



16727412



49220



50901

Sweetspot

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



16736250



16764925



6447103



8413823



0



8421504

Same Dimension

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



16736250



16728313



16736172



8418175



12517561



4194366

Inverse Universe

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



16736250



16728313



6291378



8418175



12517561



4194366

Previews

White Background



This preview shows how the Decimal color 16736250 looks on a white background.

Color Contrast Check

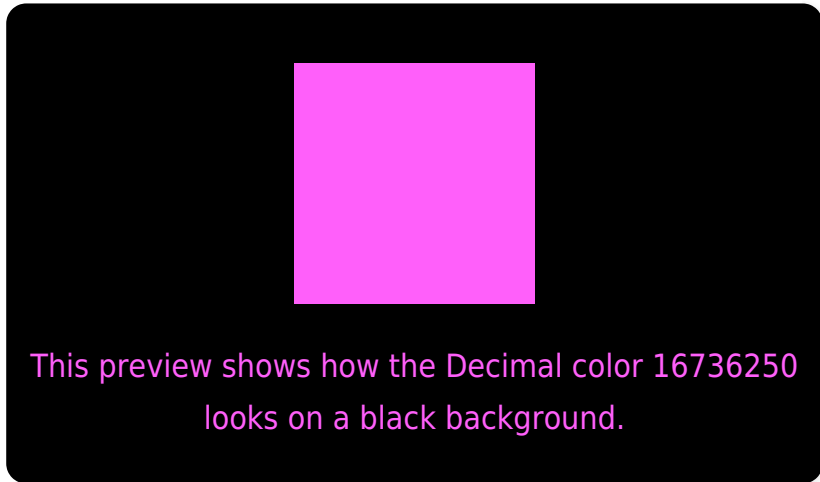
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 16736250 Background



This preview shows how black text looks on a background with the Decimal color 16736250.

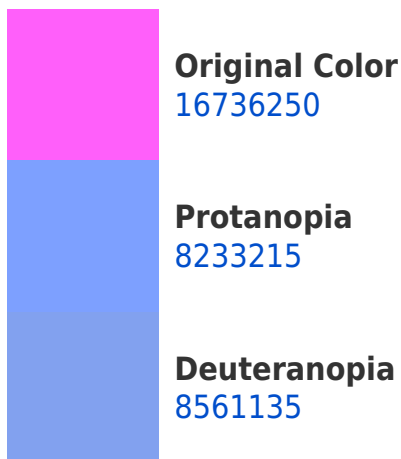


This preview shows how white text looks on a background with the Decimal color 16736250.

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
15892617

Trichromacy



Original Color
16736250



Protanomaly
11307261



Deuteranomaly
11504115



Tritanomaly
16217266

Monochromacy



Original Color
16736250



Achromatopsia
10592673



Achromatomaly
12814785

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16736250 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 #FF5FFA looks like.

```
.text, #text, p{  
  color:#FF5FFA  
}
```

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 #FF5FFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5FFA
}
```

Border

The CSS property to change the border of an element to Decimal 16736250 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
#FF5FFA }
```

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

```
.border{ border-color:#FF5FFA }
```

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

Here you see how a box with a 4 pixel #FF5FFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5FFA; -webkit-box-shadow:4px 4px  
4px 4px #FF5FFA; box-shadow:4px 4px 4px  
4px #FF5FFA }
```

Background

The CSS property to change the background color of an element to Decimal 16736250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5FFA }
```

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

```
.background{ background-color:#FF5FFA }
```

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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