

Converting Colors

Decimal(16199896)

Have a look what the booklet for
Decimal(16199896) contains.

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Color

Decimal(16199896)

Conversions

Conversions Part 1

Format	Color
Hex	F730D8
RGB	247, 48, 216
RGB Percent	97%, 19%, 85%
CMY	0.0314, 0.8118, 0.1529
CMYK	0.00, 0.81, 0.13, 0.03
HSL	309°, 93%, 58%
HSV	309°, 81%, 97%
XYZ	51.8094, 26.8459, 67.4169
YIQ	126.6530, 64.6760, 94.4360

Conversions

Conversions Part 2

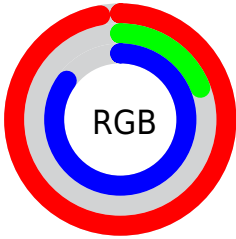
Format	Color
R _{YB}	247, 48, 216
Decimal	16199896
CIE _{Lab}	58.83, 85.89, -41.44
CIE _{LCh}	59, 95.366, 334.241
Y _{xy}	26.8459, 0.3547, 0.1838
Android (android.graphics.Color)	4294389976 (0xFFFF730D8)
YUV	126.6530, 44.0481, 105.5443
Hunter-Lab	51.8131, 87.8145, -40.8764

Details

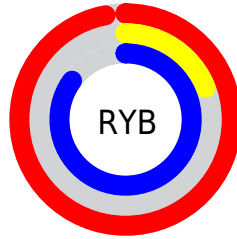
The Decimal color **16199896** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **3209039**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **16742143**, and **12189857** is the 20% darker color. If you saturate the color by 10%, you get **16193492**, and if you desaturate by 10%, it is **16206300**.

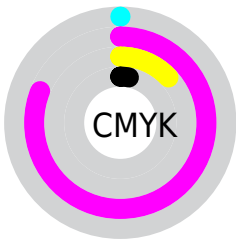
Distribution



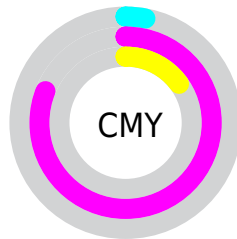
- Red (97%)
- Green (19%)
- Blue (85%)



- Red (97%)
- Yellow (19%)
- Blue (85%)



- Cyan (0%)
- Magenta (81%)
- Yellow (13%)
- Black (3%)




















- Cyan (3%)
- Magenta (81%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16199896 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 16199896 by changing the saturation by 10% instead.

 16199896	 16199896
16777215	 14155964
 16742143	 12189857
 16750079	 10223750
 16757759	 8323180
 16765695	 6422611
 16773375	 4653116
	 2621477
	 12
	 0

 16199896

 16199896

 16193492

 16206300

 16187601

 16212448

 16218852

 16225255

 16231403

 16237807

 16244211

 16250615

 16252923

Harmonies

Analogous

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



9662719



16199896



16711814

Triad

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



16199896



10653184



45035

Complementary

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



16199896



3209039

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.



44952



16199896



4497920

Square

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



16199896



14904320



43838



43519

Rectangle

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



16199896



16713295



43838



45265

Sweetspot

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



16199896



16761589



5124343



8412026



0



8421504

Same Dimension

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



16199896



16713944



16199798



8023672



12189853



3866674

Inverse Universe

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



16199896



16713944



3209137



8023672



12189853



3866674

Previews

White Background



This preview shows how the Decimal color 16199896 looks on a white background.

Color Contrast Check

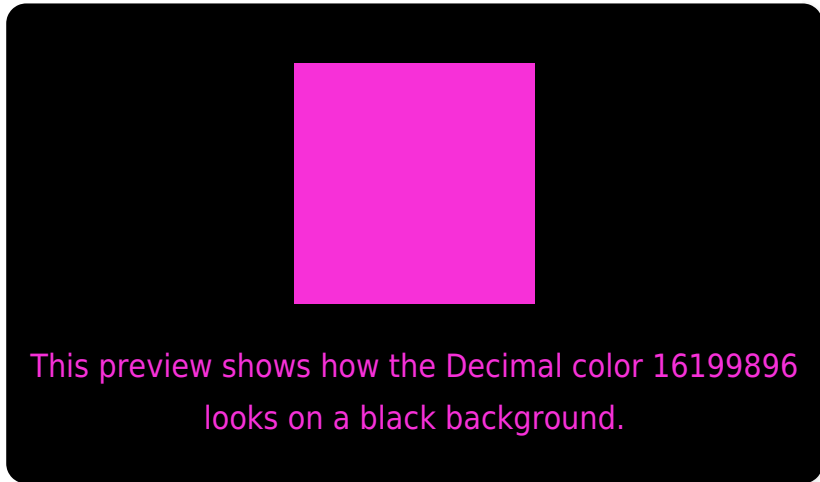
Large Text (above 18pt) WCAG AA ✓ Pass

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 16199896 Background



This preview shows how black text looks on a background with the Decimal color 16199896.

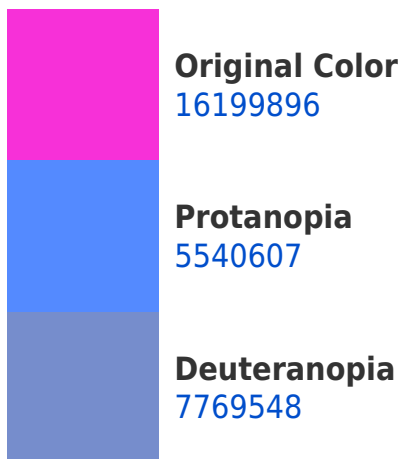



This preview shows how white text looks on a background with the Decimal color 16199896.

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
15490660

Trichromacy



Original Color
16199896



Protanomaly
9398769



Deuteranomaly
10841040



Tritanomaly
15748494

Monochromacy



Original Color
16199896



Achromatopsia
8355711



Achromatomaly
11231903

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16199896 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 #F730D8 looks like.

```
.text, #text, p{  
    color:#F730D8  
}
```

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 #F730D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F730D8
}
```

Border

The CSS property to change the border of an element to Decimal 16199896 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
#F730D8 }
```

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

```
.border{ border-color:#F730D8 }
```

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

Here you see how a box with a 4 pixel #F730D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F730D8; -webkit-box-shadow:4px 4px  
4px 4px #F730D8; box-shadow:4px 4px 4px  
4px #F730D8 }
```

Background

The CSS property to change the background color of an element to Decimal 16199896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F730D8 }
```

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

```
.background{ background-color:#F730D8 }
```

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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