

Converting Colors

Decimal(16515166)

Have a look what the booklet for
Decimal(16515166) contains.

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Color

Decimal(16515166)

Conversions

Conversions Part 1

Format	Color
Hex	FC005E
RGB	252, 0, 94
RGB Percent	99%, 0%, 37%
CMY	0.0118, 1.0000, 0.6314
CMYK	0.00, 1.00, 0.63, 0.01
HSL	338°, 100%, 49%
HSV	338°, 100%, 99%
XYZ	42.1653, 21.5036, 12.5179
YIQ	86.0640, 120.0180, 82.6580

Conversions

Conversions Part 2

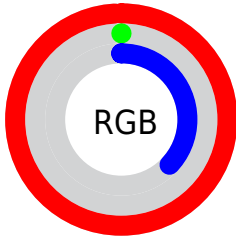
Format	Color
RYB	252, 0, 94
Decimal	16515166
CIELab	53.50, 81.78, 22.57
CIELCh	53, 84.841, 15.429
Yxy	21.5036, 0.5534, 0.2822
Android (android.graphics.Color)	4294705246 (0xFFFC005E)
YUV	86.0640, 3.9124, 145.5259
Hunter-Lab	46.3720, 81.1561, 16.4553

Details

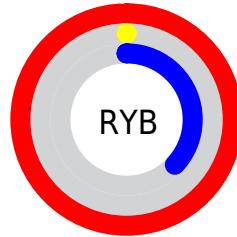
The Decimal color **16515166** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated red. A complement of this color would be **64670**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **16736912**, and **12255281** is the 20% darker color. If you saturate the color by 10%, you get **16515166**, and if you desaturate by 10%, it is **16521582**.

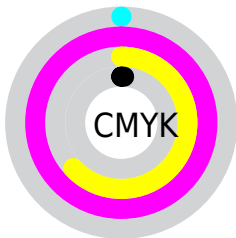
Distribution



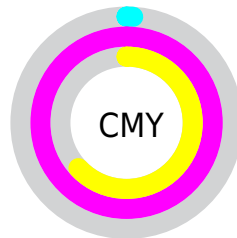
- Red (99%)
- Green (0%)
- Blue (37%)



- Red (99%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (1%)




















- Cyan (1%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16515166 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 16515166 by changing the saturation by 10% instead.

 16515166	 16515166
 16777215	 14352455
 16736912	 12255281
 16744874	 10158109
 16752837	 8060931
 16760801	 6029316
 16768510	 3932163
 16776447	 1507328
	 0

 16515166

■ 16521582

■ 16527998

■ 16534669

■ 16541085

■ 16547501

■ 16553917

■ 16560333

■ 16567004

■ 16573420

Harmonies

Analogous

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



15538599



16515166



15157010

Triad

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



16515166



38400



37887

Complementary

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



16515166



64670

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.



40168



16515166



40024

Square

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



16515166



7899136



40613



32255

Rectangle

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



16515166



13263872



40613



38911

Sweetspot

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



16515166



16757711



10158332



8409699



0



8421504

Same Dimension

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



16515166



16711775



16522496



8220789



12386374



3997719

Inverse Universe

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



16515166



16711775



57340



8220789



12386374



3997719

Previews

White Background



This preview shows how the Decimal color 16515166 looks on a white background.

Color Contrast Check

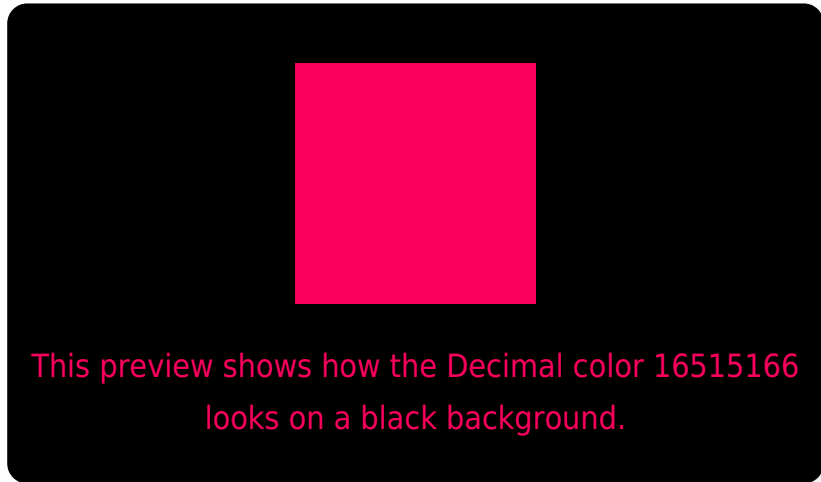
Large Text (above 18pt) WCAG AA ✓ Pass

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 16515166 Background



This preview shows how black text looks on a background with the Decimal color 16515166.

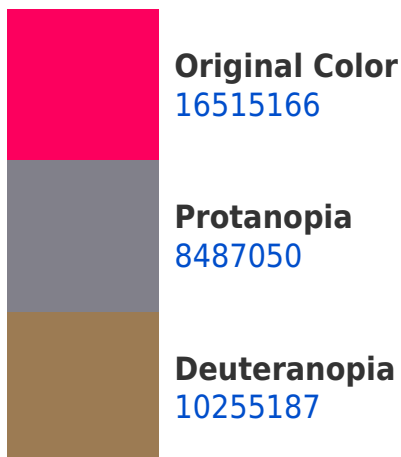


This preview shows how white text looks on a background with the Decimal color 16515166.

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
16393763

Trichromacy



Original Color
16515166



Protanomaly
11424122



Deuteranomaly
12537431



Tritanomaly
16455736

Monochromacy



Original Color
16515166



Achromatopsia
5658198



Achromatomaly
9582425

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16515166 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 #FC005E looks like.

```
.text, #text, p{  
  color:#FC005E  
}
```

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 #FC005E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC005E
}
```

Border

The CSS property to change the border of an element to Decimal 16515166 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
#FC005E }
```

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

```
.border{ border-color:#FC005E }
```

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

Here you see how a box with a 4 pixel #FC005E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC005E; -webkit-box-shadow:4px 4px  
4px 4px #FC005E; box-shadow:4px 4px 4px  
4px #FC005E }
```

Background

The CSS property to change the background color of an element to Decimal 16515166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC005E }
```

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

```
.background{ background-color:#FC005E }
```

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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