

Converting Colors

Decimal(15418066)

Have a look what the booklet for
Decimal(15418066) contains.

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Color

Decimal(15418066)

Conversions

Conversions Part 1

Format	Color
Hex	EB42D2
RGB	235, 66, 210
RGB Percent	92%, 26%, 82%
CMY	0.0784, 0.7412, 0.1765
CMYK	0.00, 0.72, 0.11, 0.08
HSL	309°, 81%, 59%
HSV	309°, 72%, 92%
XYZ	47.8420, 26.2117, 63.5106
YIQ	132.9470, 54.5000, 80.6120

Conversions

Conversions Part 2

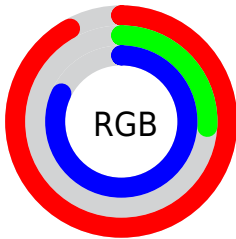
Format	Color
R _Y B	235, 66, 210
Decimal	15418066
CIE Lab	58.24, 77.75, -39.11
CIE LCh	58, 87.029, 333.295
Yxy	26.2117, 0.3478, 0.1905
Android (android.graphics.Color)	4293608146 (0xFFEB42D2)
YUV	132.9470, 37.9871, 89.5005
Hunter-Lab	51.1974, 77.2060, -37.7113

Details

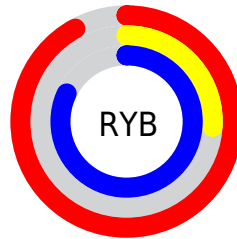
The Decimal color **15418066** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **4385627**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **16744703**, and **11468955** is the 20% darker color. If you saturate the color by 10%, you get **15412175**, and if you desaturate by 10%, it is **15424213**.

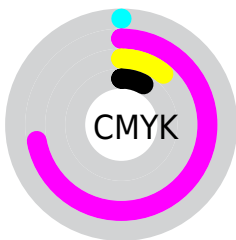
Distribution



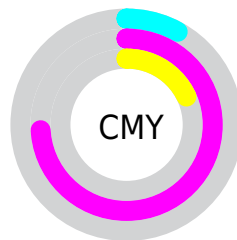
- Red (92%)
- Green (26%)
- Blue (82%)



- Red (92%)
- Yellow (26%)
- Blue (82%)



- Cyan (0%)
- Magenta (72%)
- Yellow (11%)
- Black (8%)




















- Cyan (8%)
- Magenta (74%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15418066 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 15418066 by changing the saturation by 10% instead.

 15418066	 15418066
 16777215	 13441206
 16744703	 11468955
 16752383	 9568385
 16760063	 7667815
 16767487	 5832782
 16775423	 4063287
	 2097184
	 4
	 0

 15418066

 15418066

 15412175

 15424213

 15406027

 15430105

 15401160

 15436252

 15442144

 15448291

 15454183

 15460330

 15466222

 15466481

Harmonies

Analogous

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



9401343



15418066



16716423

Triad

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



15418066



10652672



44254

Complementary

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



15418066



4385627

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.



44179



15418066



5348864

Square

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



15418066



14576640



43073



42495

Rectangle

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



15418066



16723029



43073



44231

Sweetspot

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



15418066



16762871



5849835



8412795



0



8421504

Same Dimension

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



15418066



16721119



15417984



7694964



11862170



3538990

Inverse Universe

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



15418066



16721119



4385709



7694964



11862170



3538990

Previews

White Background



This preview shows how the Decimal color 15418066 looks on a white background.

Color Contrast Check

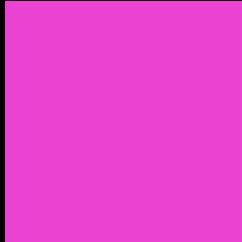
Large Text (above 18pt) WCAG AA ✓ Pass

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 15418066 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 15418066 Background



This preview shows how black text looks on a background with the Decimal color 15418066.




This preview shows how white text looks on a background with the Decimal color 15418066.

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
14771307

Trichromacy



Original Color
15418066



Protanomaly
9007087



Deuteranomaly
10580171



Tritanomaly
15030416

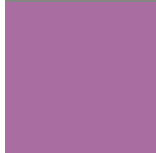
Monochromacy



Original Color
15418066



Achromatopsia
8750469



Achromatomaly
11169185

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15418066 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 #EB42D2 looks like.

```
.text, #text, p{  
  color:#EB42D2  
}
```

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 #EB42D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB42D2
}
```

Border

The CSS property to change the border of an element to Decimal 15418066 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
#EB42D2 }
```

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

```
.border{ border-color:#EB42D2 }
```

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

Here you see how a box with a 4 pixel #EB42D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB42D2; -webkit-box-shadow:4px 4px  
4px 4px #EB42D2; box-shadow:4px 4px 4px  
4px #EB42D2 }
```

Background

The CSS property to change the background color of an element to Decimal 15418066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB42D2 }
```

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

```
.background{ background-color:#EB42D2 }
```

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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