

Converting Colors

Decimal(15413152)

Have a look what the booklet for
Decimal(15413152) contains.

Decimal(15413152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(15413152)

Conversions

Conversions Part 1

Format	Color
Hex	EB2FA0
RGB	235, 47, 160
RGB Percent	92%, 18%, 63%
CMY	0.0784, 0.8157, 0.3725
CMYK	0.00, 0.80, 0.32, 0.08
HSL	324°, 82%, 55%
HSV	324°, 80%, 92%
XYZ	41.6226, 22.2333, 35.3554
YIQ	116.0940, 75.7750, 74.9990

Conversions

Conversions Part 2

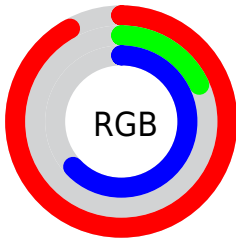
Format	Color
R_{YB}	235, 47, 160
Decimal	15413152
CIE _{Lab}	54.27, 76.79, -16.30
CIE _{LCh}	54, 78.502, 348.013
Yxy	22.2333, 0.4195, 0.2241
Android (android.graphics.Color)	4293603232 (0xFFEB2FA0)
YUV	116.0940, 21.6457, 104.2806
Hunter-Lab	47.1522, 75.0510, -11.4500

Details

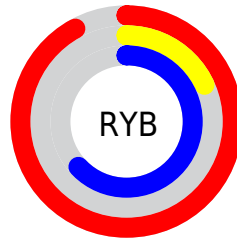
The Decimal color **15413152** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **3140474**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **16741079**, and **11403372** is the 20% darker color. If you saturate the color by 10%, you get **15406999**, and if you desaturate by 10%, it is **15419305**.

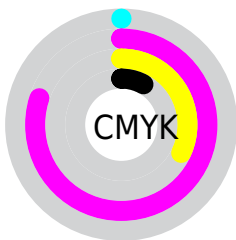
Distribution



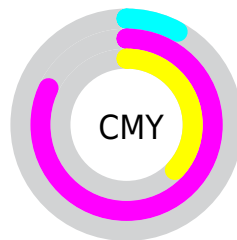
- Red (92%)
- Green (18%)
- Blue (63%)



- Red (92%)
- Yellow (18%)
- Blue (63%)



- Cyan (0%)
- Magenta (80%)
- Yellow (32%)
- Black (8%)



- Cyan (8%)
- Magenta (82%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15413152 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 15413152 by changing the saturation by 10% instead.

 15413152

 15413152

16777215

 13369478

 16741079

 11403372

 16748787

 9437268

 16756479

 7536701

 16764159

 5636135

 16771839

 3735569

 1310720

 0

 15413152

 15413152

■ 15406999

■ 15419305

■ 15401101

■ 15425203

■ 15431356

■ 15437254

■ 15443151

■ 15449304

■ 15455202

■ 15461355

■ 15466484

Harmonies

Analogous

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



11885022



15413152



16133213

Triad

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



15413152



7834368



40166

Complementary

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



15413152



3140474

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.



40874



15413152



38677

Square

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



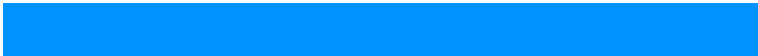
15413152



11826432



40291



37631

Rectangle

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



15413152



15418929



40291



40660

Sweetspot

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



15413152



16761575



7811051



8412017



0



8421504

Same Dimension

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



15413152



16714397



15413061



7694961



11862125



3538976

Inverse Universe

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



15413152



16714397



3140565



7694961



11862125



3538976

Previews

White Background



This preview shows how the Decimal color 15413152 looks on a white background.

Color Contrast Check

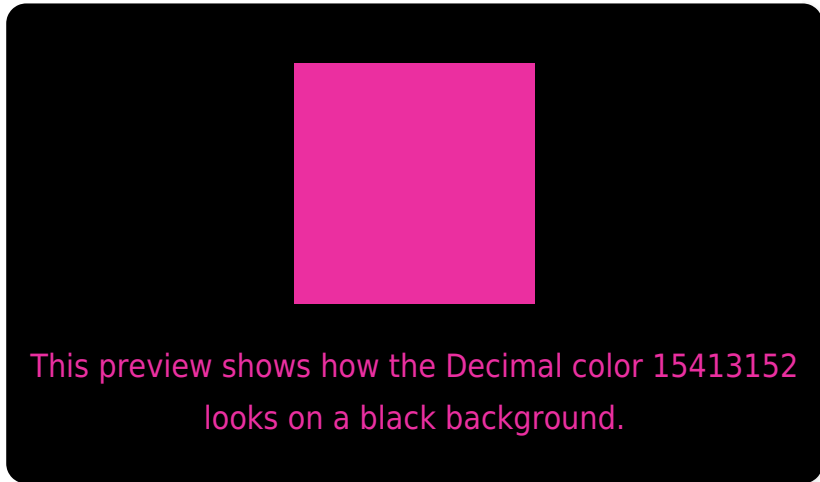
Large Text (above 18pt) WCAG AA ✓ Pass

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 15413152 Background



This preview shows how black text looks on a background with the Decimal color 15413152.



This preview shows how white text looks on a background with the Decimal color 15413152.

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
15027023

Trichromacy



Original Color

15413152



Protanomaly

9528004



Deuteranomaly

11166362



Tritanomaly

15155564

Monochromacy



Original Color

15413152



Achromatopsia

7631988



Achromatomaly

10443652

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15413152 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 #EB2FA0 looks like.

```
.text, #text, p{  
  color:#EB2FA0  
}
```

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 #EB2FA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB2FA0
}
```

Border

The CSS property to change the border of an element to Decimal 15413152 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
#EB2FA0 }
```

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

```
.border{ border-color:#EB2FA0 }
```

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

Here you see how a box with a 4 pixel #EB2FA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB2FA0; -webkit-box-shadow:4px 4px  
4px 4px #EB2FA0; box-shadow:4px 4px 4px  
4px #EB2FA0 }
```

Background

The CSS property to change the background color of an element to Decimal 15413152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB2FA0 }
```

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

```
.background{ background-color:#EB2FA0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor