

Converting Colors

Decimal(15803021)

Have a look what the booklet for
Decimal(15803021) contains.

Decimal(15803021)	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(15803021)

Conversions

Conversions Part 1

Format	Color
Hex	F1228D
RGB	241, 34, 141
RGB Percent	95%, 13%, 55%
CMY	0.0549, 0.8667, 0.4471
CMYK	0.00, 0.86, 0.41, 0.05
HSL	329°, 88%, 54%
HSV	329°, 86%, 95%
XYZ	41.6554, 21.7679, 27.2054
YIQ	108.0910, 89.0250, 77.1610

Conversions

Conversions Part 2

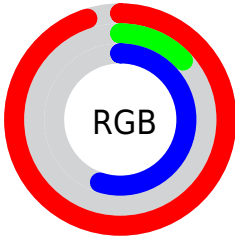
Format	Color
R_{YB}	241, 34, 141
Decimal	15803021
CIE _{Lab}	53.78, 79.02, -5.66
CIE _{LCh}	54, 79.220, 355.904
Yxy	21.7679, 0.4596, 0.2402
Android (android.graphics.Color)	4293993101 (0xFFFF1228D)
YUV	108.0910, 16.2241, 116.5612
Hunter-Lab	46.6561, 77.7197, -1.9131

Details

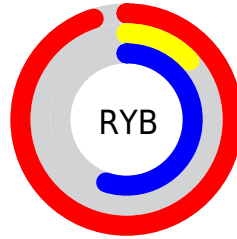
The Decimal color **15803021** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **2290054**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **16739266**, and **11731035** is the 20% darker color. If you saturate the color by 10%, you get **15796865**, and if you desaturate by 10%, it is **15809177**.

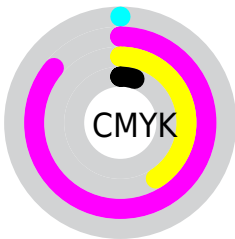
Distribution



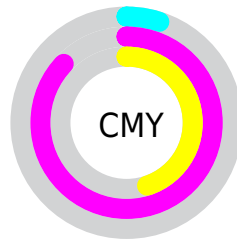
- Red (95%)
- Green (13%)
- Blue (55%)



- Red (95%)
- Yellow (13%)
- Blue (55%)



- Cyan (0%)
- Magenta (86%)
- Yellow (41%)
- Black (5%)



- Cyan (5%)
- Magenta (87%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15803021 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 15803021 by changing the saturation by 10% instead.

 15803021

 15803021

16777215

 13762676

 16739266

 11731035

 16747230

 9699396

 16754939


 7733294

 16762623

 5767193

 16770303

 3866626

 1310720

 0

 15803021

 15803021

■ 15796865

■ 15809177

■ 15794301

■ 15815332

■ 15821488

■ 15827644

■ 15833799

■ 15840211

■ 15846366

■ 15852522

■ 15858678

Harmonies

Analogous

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



13061070



15803021



15872842

Triad

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



15803021



6458880



39410

Complementary

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



15803021



2290054

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.



40635



15803021



38955

Square

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



15803021



10779392



40309



36095

Rectangle

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



15803021



14831388



40309



40162

Sweetspot

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



15803021



16760287



8594161



8411244



0



8421504

Same Dimension

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



15803021



16711812



15802921



7892082



12058719



3670045

Inverse Universe

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



15803021



16711812



2290154



7892082



12058719



3670045

Previews

White Background



This preview shows how the Decimal color 15803021 looks on a white background.

Color Contrast Check

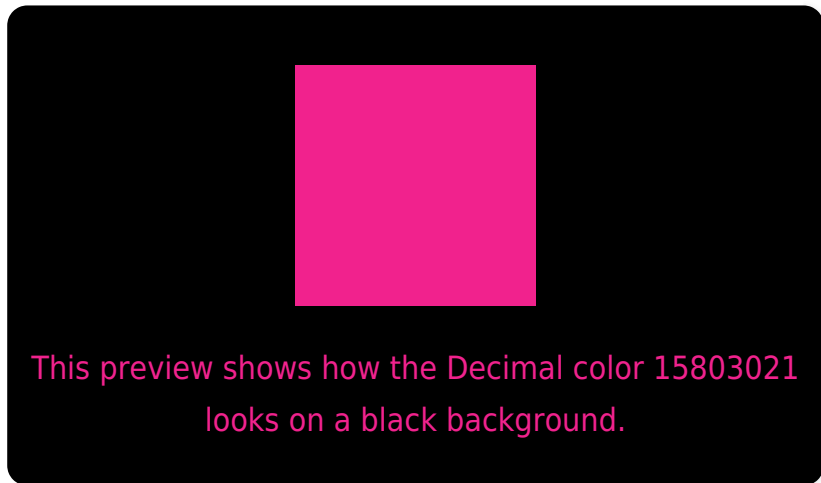
Large Text (above 18pt) WCAG AA ✓ Pass

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 15803021 Background



This preview shows how black text looks on a background with the Decimal color 15803021.



This preview shows how white text looks on a background with the Decimal color 15803021.

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
15548225

Trichromacy



Original Color
15803021



Protanomaly
10116529



Deuteranomaly
11623559



Tritanomaly
15610973

Monochromacy



Original Color
15803021



Achromatopsia
7105644



Achromatomaly
10244472

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15803021 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 #F1228D looks like.

```
.text, #text, p{  
  color:#F1228D  
}
```

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 #F1228D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1228D
}
```

Border

The CSS property to change the border of an element to Decimal 15803021 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
#F1228D }
```

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

```
.border{ border-color:#F1228D }
```

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

Here you see how a box with a 4 pixel #F1228D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1228D; -webkit-box-shadow:4px 4px  
4px 4px #F1228D; box-shadow:4px 4px 4px  
4px #F1228D }
```

Background

The CSS property to change the background color of an element to Decimal 15803021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1228D }
```

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

```
.background{ background-color:#F1228D }
```

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