

# Converting Colors

Decimal(15484827)

Have a look what the booklet for  
Decimal(15484827) contains.

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# **Color**

**Decimal(15484827)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC479B
RGB	236, 71, 155
RGB Percent	93%, 28%, 61%
CMY	0.0745, 0.7216, 0.3922
CMYK	0.00, 0.70, 0.34, 0.07
HSL	329°, 81%, 60%
HSV	329°, 70%, 93%
XYZ	42.7617, 24.7059, 33.5253
YIQ	129.9110, 71.3760, 61.1040

# Conversions

## Conversions Part 2

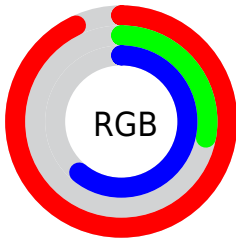
Format	Color
R <sub>Y</sub> B	236, 71, 155
Decimal	15484827
CIE Lab	56.79, 69.39, -9.56
CIE LCh	57, 70.041, 352.159
Yxy	24.7059, 0.4234, 0.2446
Android (android.graphics.Color)	4293674907 (0xFFEC479B)
YUV	129.9110, 12.3689, 93.0401
Hunter-Lab	49.7050, 66.5814, -5.1967

# Details

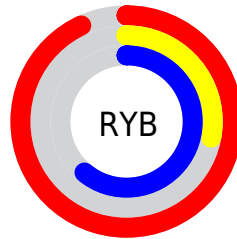
The Decimal color **15484827** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **4713624**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **16745425**, and **11468904** is the 20% darker color. If you saturate the color by 10%, you get **15478671**, and if you desaturate by 10%, it is **15490983**.

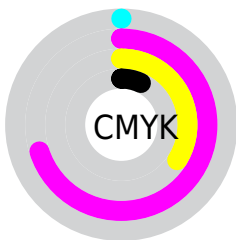
# Distribution



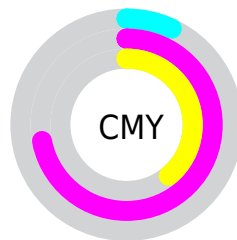
- Red (93%)
- Green (28%)
- Blue (61%)



- Red (93%)
- Yellow (28%)
- Blue (61%)



- Cyan (0%)
- Magenta (70%)
- Yellow (34%)
- Black (7%)




- Cyan (7%)
- Magenta (72%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15484827 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 15484827 by changing the saturation by 10% instead.



 15484827  15484827

16777215  13509505

 16745425  11468904

 16752878  9568336

 16760319  7602233

 16767999  5767204

 16775679  3997708

 1638401

 0

 15484827  15484827

15478671

15490983

15472772

15496882

15466616

15503038

15508937

15515093

15521249

15527148

15532024

15532031

# Harmonies

## Analogous

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



12673492



15484827



15878750

# Triad

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



15484827



7967488



41192

# Complementary

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



15484827



4713624

# 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.



42165



15484827



1416503

# Square

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



15484827



11632640



41846



38143

# Rectangle

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



15484827



15096888



41846



41689



# Sweetspot

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



15484827



16763365



9914348



8413296



0



8421504



# Same Dimension

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



15484827



16722326



15484746



7694960



11862108



3538971



# Inverse Universe

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



15484827



16722326



4713705



7694960



11862108



3538971



# Previews

## White Background



This preview shows how the Decimal color 15484827 looks on a white background.

## Color Contrast Check

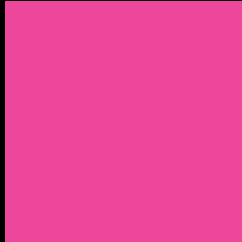
Large Text (above 18pt) WCAG AA ✓ Pass

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 15484827 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 15484827 Background



This preview shows how black text looks on a background with the Decimal color 15484827.



This preview shows how white text looks on a background with the Decimal color 15484827.

# 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**  
15161180

# Trichromacy



**Original Color**

15484827



**Protanomaly**

10514614



**Deuteranomaly**

11693717



**Tritanomaly**

15290739

# Monochromacy



**Original Color**

15484827



**Achromatopsia**

8553090



**Achromatomaly**

11103627

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15484827 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 #EC479B looks like.

```
.text, #text, p{  
  color:#EC479B  
}
```

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 #EC479B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC479B
}
```

## Border

The CSS property to change the border of an element to Decimal 15484827 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
#EC479B }
```

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

```
.border{ border-color:#EC479B }
```

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

Here you see how a box with a 4 pixel #EC479B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC479B; -webkit-box-shadow:4px 4px  
4px 4px #EC479B; box-shadow:4px 4px 4px  
4px #EC479B }
```

# Background

The CSS property to change the background color of an element to Decimal 15484827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC479B }
```

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

```
.background{ background-color:#EC479B }
```

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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