

# Converting Colors

Decimal(15684527)

Have a look what the booklet for  
Decimal(15684527) contains.

<b>Decimal(15684527)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(15684527)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF53AF
RGB	239, 83, 175
RGB Percent	94%, 33%, 69%
CMY	0.0627, 0.6745, 0.3137
CMYK	0.00, 0.65, 0.27, 0.06
HSL	325°, 83%, 63%
HSV	325°, 65%, 94%
XYZ	46.4277, 27.6324, 43.4440
YIQ	140.1320, 63.4440, 61.6840

# Conversions

## Conversions Part 2

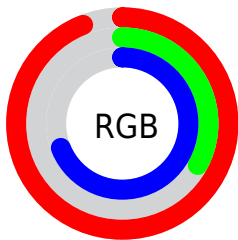
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 83, 175
Decimal	15684527
CIE <sub>Lab</sub>	59.56, 68.11, -16.97
CIE <sub>LCh</sub>	60, 70.190, 346.008
Yxy	27.6324, 0.3951, 0.2352
Android (android.graphics.Color)	4293874607 (0xFFEF53AF)
YUV	140.1320, 17.1899, 86.7072
Hunter-Lab	52.5665, 65.6631, -12.2041

# Details

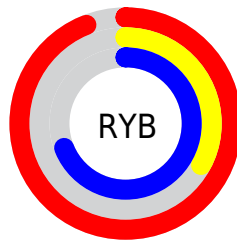
The Decimal color **15684527** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **5500819**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **16748007**, and **11731066** is the 20% darker color. If you saturate the color by 10%, you get **15678373**, and if you desaturate by 10%, it is **15690681**.

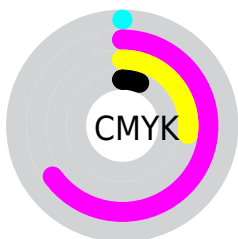
# Distribution



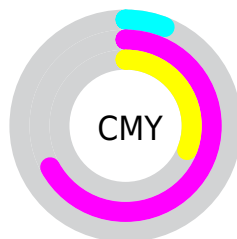
- Red (94%)
- Green (33%)
- Blue (69%)



- Red (94%)
- Yellow (33%)
- Blue (69%)



- Cyan (0%)
- Magenta (65%)
- Yellow (27%)
- Black (6%)



- Cyan (6%)
- Magenta (67%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15684527 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 15684527 by changing the saturation by 10% instead.



 15684527

 15684527

16777215

 13710228

 16748007

 11731066

 16755455

 9830497

 16762879

 7929930

 16770559

 6029363

 4325406

 2424833

 0

 15684527

 15684527

■ 15678373

■ 15690681

■ 15672219

■ 15696835

■ 15666066

■ 15702988

■ 15663245

■ 15709142

■ 15715040

■ 15721194

■ 15727348

■ 15728637

■ 15728639

# Harmonies

## Analogous

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



12283878



15684527



16600945

# Triad

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



15684527



9279232



43495

# Complementary

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



15684527



5500819

# 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.



44208



15684527



4236081

# Square

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



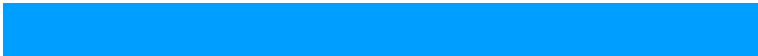
15684527



12878336



43631



40959

# Rectangle

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



15684527



16014666



43631



43735



# Sweetspot

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



15684527



16764138



9524207



8413555



0



8421504



# Same Dimension

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



15684527



16726189



15684451



7892083



12058732



3670049



# Inverse Universe

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



15684527



16726189



5500895



7892083



12058732



3670049



# Previews

## White Background



This preview shows how the Decimal color 15684527 looks on a white background.

## Color Contrast Check

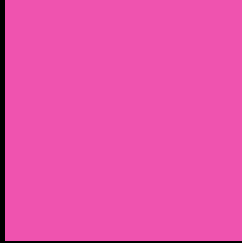
Large Text (above 18pt) WCAG AA ✓ Pass

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 15684527 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 15684527 Background



This preview shows how black text looks on a background with the Decimal color 15684527.



This preview shows how white text looks on a background with the Decimal color 15684527.

# 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





# Trichromacy



**Original Color**  
15684527



**Protanomaly**  
10582218



**Deuteranomaly**  
11827114



**Tritanomaly**  
15425156

# Monochromacy



**Original Color**  
15684527



**Achromatopsia**  
9211020



**Achromatomaly**  
11564953

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15684527 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 #EF53AF looks like.

```
.text, #text, p{  
  color:#EF53AF  
}
```

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 #EF53AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF53AF
}
```

## Border

The CSS property to change the border of an element to Decimal 15684527 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
#EF53AF }
```

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

```
.border{ border-color:#EF53AF }
```

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

Here you see how a box with a 4 pixel #EF53AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF53AF; -webkit-box-shadow:4px 4px  
4px 4px #EF53AF; box-shadow:4px 4px 4px  
4px #EF53AF }
```

# Background

The CSS property to change the background color of an element to Decimal 15684527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF53AF }
```

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

```
.background{ background-color:#EF53AF }
```

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