

# Converting Colors

Decimal(15357642)

Have a look what the booklet for  
Decimal(15357642) contains.

<b>Decimal(15357642)</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(15357642)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA56CA
RGB	234, 86, 202
RGB Percent	92%, 34%, 79%
CMY	0.0824, 0.6627, 0.2078
CMYK	0.00, 0.63, 0.14, 0.08
HSL	313°, 78%, 63%
HSV	313°, 63%, 92%
XYZ	47.9201, 28.4123, 58.8356
YIQ	143.4760, 50.9720, 67.4520

# Conversions

## Conversions Part 2

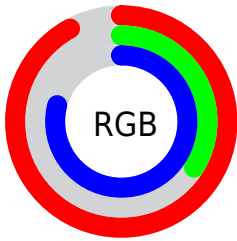
Format	Color
<a href="#">RYB</a>	<a href="#">234, 86, 202</a>
Decimal	<a href="#">15357642</a>
CIELab	<a href="#">60.26, 69.25, -31.42</a>
CIElCh	<a href="#">60, 76.042, 335.595</a>
Yxy	<a href="#">28.4123, 0.3545, 0.2102</a>
Android (android.graphics.Color)	<a href="#">4293547722</a> <a href="#">(0xFFEA56CA)</a>
YUV	<a href="#">143.4760, 28.8523, 79.3895</a>
Hunter-Lab	<a href="#">53.3032, 67.1930, -28.1316</a>

# Details

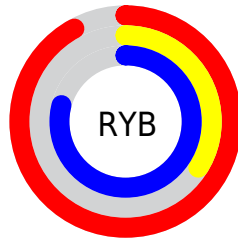
The Decimal color **15357642** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5696118**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **16748799**, and **11471252** is the 20% darker color. If you saturate the color by 10%, you get **15351749**, and if you desaturate by 10%, it is **15363535**.

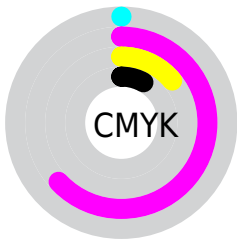
# Distribution



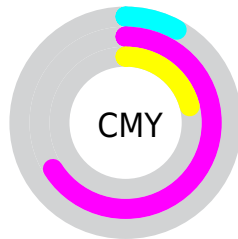
- Red (92%)
- Green (34%)
- Blue (79%)



- Red (92%)
- Yellow (34%)
- Blue (79%)



- Cyan (0%)
- Magenta (63%)
- Yellow (14%)
- Black (8%)



- Cyan (8%)
- Magenta (66%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15357642 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 15357642 by changing the saturation by 10% instead.



 15357642

 15357642

16777215

 13383598

 16748799

 11471252

 16756223

 9568378

 16763647

 7667808

 16771327

 5898312

 4194354

 2293787

 0

 15357642

 15357642

15351749

15363535

15345600

15369684

15339707

15375577

15335607

15381726

15387619

15393512

15399661

15400946

15400952

# Harmonies

## Analogous

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



10516991



15357642



16728968

# Triad

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



15357642



10719744



44766

# Complementary

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



15357642



5696118

# 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.



44956



15357642



6071041

# Square

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



15357642



14317824



44118



43007

# Rectangle

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



15357642



16731740



44118



45002



# Sweetspot

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



15357642



16764917



7624426



8413817



0



8421504



# Same Dimension

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



15357642



16727509



15357570



7694963



11862158



3538986



# Inverse Universe

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



15357642



16727509



5696190



7694963



11862158



3538986



# Previews

## White Background



This preview shows how the Decimal color 15357642 looks on a white background.

## Color Contrast Check

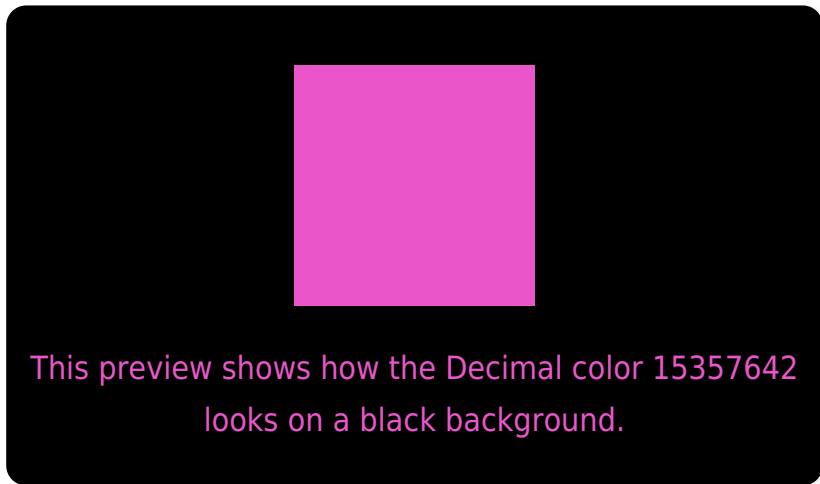
Large Text (above 18pt) WCAG AA ✓ Pass

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 15357642 Background



This preview shows how black text looks on a background with the Decimal color 15357642.



This preview shows how white text looks on a background with the Decimal color 15357642.

# 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**  
14773621

# Trichromacy



**Original Color**  
15357642



**Protanomaly**  
9796327



**Deuteranomaly**  
11172548



**Tritanomaly**  
14968212

# Monochromacy



**Original Color**  
15357642



**Achromatopsia**  
9408399



**Achromatomaly**  
11565732

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15357642 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 #EA56CA looks like.

```
.text, #text, p{  
    color:#EA56CA  
}
```

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 #EA56CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA56CA
}
```

## Border

The CSS property to change the border of an element to Decimal 15357642 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
#EA56CA }
```

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

```
.border{ border-color:#EA56CA }
```

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

Here you see how a box with a 4 pixel #EA56CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA56CA; -webkit-box-shadow:4px 4px  
4px 4px #EA56CA; box-shadow:4px 4px 4px  
4px #EA56CA }
```

# Background

The CSS property to change the background color of an element to Decimal 15357642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA56CA }
```

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

```
.background{ background-color:#EA56CA }
```

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