

# Converting Colors

Decimal(15363749)

Have a look what the booklet for  
Decimal(15363749) contains.

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# **Color**

**Decimal(15363749)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA6EA5
RGB	234, 110, 165
RGB Percent	92%, 43%, 65%
CMY	0.0824, 0.5686, 0.3529
CMYK	0.00, 0.53, 0.29, 0.08
HSL	333°, 75%, 67%
HSV	333°, 53%, 92%
XYZ	46.2991, 31.3609, 39.2103
YIQ	153.3460, 56.2490, 43.3930

# Conversions

## Conversions Part 2

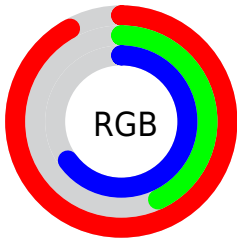
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	234, 110, 165
Decimal	15363749
CIE Lab	62.81, 53.71, -6.41
CIE LCh	63, 54.091, 353.195
Yxy	31.3609, 0.3962, 0.2683
Android (android.graphics.Color)	4293553829 (0xFFEA6EA5)
YUV	153.3460, 5.7454, 70.7336
Hunter-Lab	56.0008, 49.5750, -2.3128

# Details

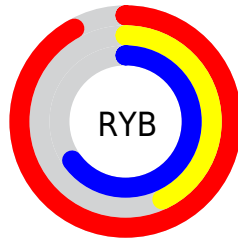
The Decimal color **15363749** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7269043**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16754140**, and **11482993** is the 20% darker color. If you saturate the color by 10%, you get **15357848**, and if you desaturate by 10%, it is **15369650**.

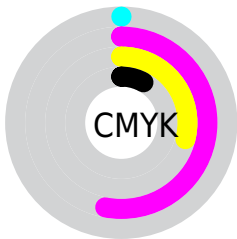
# Distribution



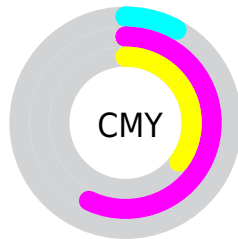
- Red (92%)
- Green (43%)
- Blue (65%)



- Red (92%)
- Yellow (43%)
- Blue (65%)



- Cyan (0%)
- Magenta (53%)
- Yellow (29%)
- Black (8%)


















- Cyan (8%)
- Magenta (57%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15363749 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 15363749 by changing the saturation by 10% instead.



 15363749	 15363749
 16777215	 13390731
 16754140	 11482993
 16761592	 9573977
 16768767	 7733313
 16776447	 5898283
	 4194327
	 2359297
	 0

 15363749       15363749

15357848

15369650

15351691

15375807

15345790

15381708

15339633

15387865

15335528

15393766

15399667

15400959

# Harmonies

## Analogous

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



13139154



15363749



15757429

# Triad

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



15363749



9347386



44004

# Complementary

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



15363749



7269043

# 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.



44988



15363749



5417564

# Square

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



15363749



12358195



44939



41463

# Rectangle

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



15363749



15169880



44939



44505



# Sweetspot

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



15363749



16766696



11693802



8415090



0



8421504



# Same Dimension

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



15363749



16735396



15365230



7694959



11862096



3538968



# Inverse Universe

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



15363749



16735396



7267562



7694959



11862096



3538968



# Previews

## White Background



This preview shows how the Decimal color 15363749 looks on a white background.

## Color Contrast Check

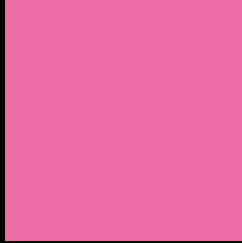
Large Text (above 18pt) WCAG AA × Fail

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 15363749 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15363749 Background



This preview shows how black text looks on a background with the Decimal color 15363749.




This preview shows how white text looks on a background with the Decimal color 15363749.

# 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**  
15169150

# Trichromacy



**Original Color**  
15363749



**Protanomaly**  
11503798



**Deuteranomaly**  
12420769



**Tritanomaly**  
15233932

# Monochromacy



**Original Color**  
15363749



**Achromatopsia**  
10066329



**Achromatomaly**  
11962781

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15363749 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 #EA6EA5 looks like.

```
.text, #text, p{  
    color:#EA6EA5  
}
```

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 #EA6EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA6EA5
}
```

## Border

The CSS property to change the border of an element to Decimal 15363749 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
#EA6EA5 }
```

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

```
.border{ border-color:#EA6EA5 }
```

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

Here you see how a box with a 4 pixel #EA6EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA6EA5; -webkit-box-shadow:4px 4px  
4px 4px #EA6EA5; box-shadow:4px 4px 4px  
4px #EA6EA5 }
```

# Background

The CSS property to change the background color of an element to Decimal 15363749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA6EA5 }
```

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

```
.background{ background-color:#EA6EA5 }
```

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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