

# Converting Colors

Decimal(15090406)

Have a look what the booklet for  
Decimal(15090406) contains.

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**Color**

**Decimal(15090406)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E642E6
RGB	230, 66, 230
RGB Percent	90%, 26%, 90%
CMY	0.0980, 0.7412, 0.0980
CMYK	0.00, 0.71, 0.00, 0.10
HSL	300°, 77%, 58%
HSV	300°, 71%, 90%
XYZ	48.8643, 26.4326, 77.3895
YIQ	133.7320, 45.1000, 85.7720

# Conversions

## Conversions Part 2

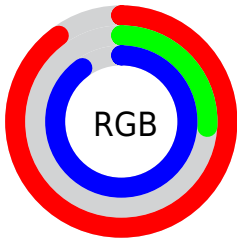
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 66, 230
Decimal	15090406
CIE Lab	58.45, 79.66, -50.13
CIE LCh	58, 94.124, 327.818
Yxy	26.4326, 0.3200, 0.1731
Android (android.graphics.Color)	4293280486 (0xFFE642E6)
YUV	133.7320, 47.4601, 84.4270
Hunter-Lab	51.4126, 79.6802, -53.2581

# Details

The Decimal color **15090406** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **4384322**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **16744703**, and **11141294** is the 20% darker color. If you saturate the color by 10%, you get **15084518**, and if you desaturate by 10%, it is **15096294**.

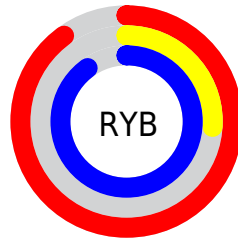
# Distribution



Red (90%)

Green (26%)

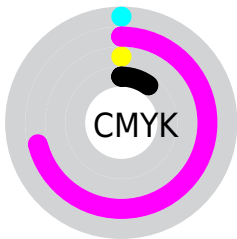
Blue (90%)



Red (90%)

Yellow (26%)

Blue (90%)

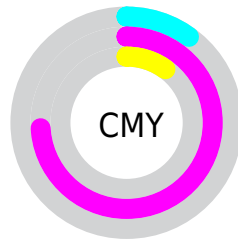


Cyan (0%)

Magenta (71%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (74%)


















Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15090406 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 15090406 by changing the saturation by 10% instead.



 15090406	 15090406
 16777215	 13113546
 16744703	 11141294
 16752383	 9240723
 16760063	 7340152
 16767743	 5505119
 16775423	 3801158
	 1703983
	 281
	 0

 15090406

 15090406

 15084518


 15096294


 15078630

 15102182

 15073510

 15108070

 15113958

 15119846

 15125734

 15131622

 15137510

 15138790

# Harmonies

## Analogous

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



7043583



15090406



16711830

# Triad

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



15090406



11569152



44760

# Complementary

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



15090406



4384322

# 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.



44676



15090406



6200832

# Square

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



15090406



15556864



43304



43775

# Rectangle

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



15090406



16711776



43304



44989



# Sweetspot

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



15090406



16763391



4342502



8413312



0



8421504



# Same Dimension

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



15090406



16721151



15090324



7563123



11731123



3342387



# Inverse Universe

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



15090406



16721151



4384404



7563123



11731123



3342387



# Previews

## White Background



This preview shows how the Decimal color 15090406 looks on a white background.

## Color Contrast Check

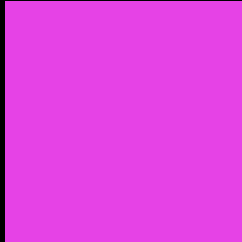
Large Text (above 18pt) WCAG AA ✓ Pass

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 15090406 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

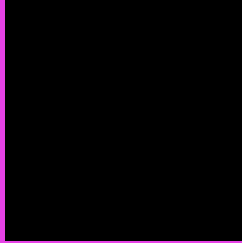
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 15090406 Background



This preview shows how black text looks on a background with the Decimal color 15090406.




This preview shows how white text looks on a background with the Decimal color 15090406.

# 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**  
14248561

# Trichromacy



**Original Color**  
15090406



**Protanomaly**  
8876022



**Deuteranomaly**  
9663198



**Tritanomaly**  
14572444

# Monochromacy



**Original Color**  
15090406



**Achromatopsia**  
8816262



**Achromatomaly**  
11103657

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15090406 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 #E642E6 looks like.

```
.text, #text, p{  
    color:#E642E6  
}
```

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 #E642E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E642E6
}
```

## Border

The CSS property to change the border of an element to Decimal 15090406 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
#E642E6 }
```

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

```
.border{ border-color:#E642E6 }
```

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

Here you see how a box with a 4 pixel #E642E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E642E6; -webkit-box-shadow:4px 4px  
4px 4px #E642E6; box-shadow:4px 4px 4px  
4px #E642E6 }
```

# Background

The CSS property to change the background color of an element to Decimal 15090406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E642E6 }
```

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

```
.background{ background-color:#E642E6 }
```

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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