

# Converting Colors

Decimal(15234476)

Have a look what the booklet for  
Decimal(15234476) contains.

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# **Color**

**Decimal(15234476)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E875AC
RGB	232, 117, 172
RGB Percent	91%, 46%, 67%
CMY	0.0902, 0.5412, 0.3255
CMYK	0.00, 0.50, 0.26, 0.09
HSL	331°, 71%, 68%
HSV	331°, 50%, 91%
XYZ	47.0864, 32.8569, 42.8900
YIQ	157.6550, 50.8850, 41.4850

# Conversions

## Conversions Part 2

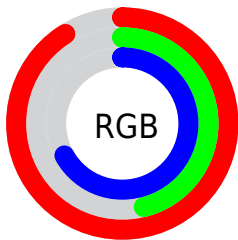
Format	Color
R <sub>Y</sub> B	232, 117, 172
Decimal	15234476
CIE Lab	64.04, 50.61, -8.60
CIE LCh	64, 51.334, 350.355
Yxy	32.8569, 0.3833, 0.2675
Android (android.graphics.Color)	4293424556 (0xFFE875AC)
YUV	157.6550, 7.0721, 65.2006
Hunter-Lab	57.3210, 46.3174, -4.2386

# Details

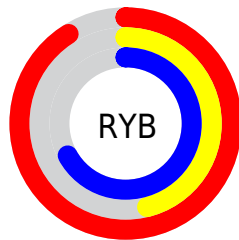
The Decimal color **15234476** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7727281**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **16755939**, and **11419512** is the 20% darker color. If you saturate the color by 10%, you get **15228576**, and if you desaturate by 10%, it is **15240376**.

# Distribution



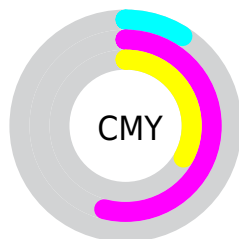
- Red (91%)
- Green (46%)
- Blue (67%)



- Red (91%)
- Yellow (46%)
- Blue (67%)



- Cyan (0%)
- Magenta (50%)
- Yellow (26%)
- Black (9%)



- Cyan (9%)
- Magenta (54%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15234476 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 15234476 by changing the saturation by 10% instead.



 15234476

 15234476

16777215

 13326993

 16755939

 11419512

 16763135

 9511519

 16770559

 7667783

 5898289

 4194332

 2490369

 0

 15234476

 15234476

 15228576

 15240376

 15222676

 15246276

 15216520

 15252432

 15210620

 15258332

 15204719

 15264233

 15204463

 15269877

 15269887

# Harmonies

## Analogous

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



12944342



15234476



15758718

# Triad

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



15234476



9937473



44769

# Complementary

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



15234476



7727281

# 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.



45754



15234476



6401118

# Square

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



15234476



12751934



45450



42229

# Rectangle

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



15234476



15301986



45450



45269



# Sweetspot

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



15234476



16767467



11564520



8415604



0



8421504



# Same Dimension

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



15234476



16738737



15234933



7563117



11731029



3342360



# Inverse Universe

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



15234476



16738737



7726824



7563117



11731029



3342360



# Previews

## White Background



This preview shows how the Decimal color 15234476 looks on a white background.

## Color Contrast Check

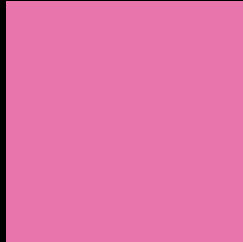
Large Text (above 18pt) WCAG AA × Fail

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 15234476 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 15234476 Background



This preview shows how black text looks on a background with the Decimal color 15234476.



This preview shows how white text looks on a background with the Decimal color 15234476.

# 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



**Original Color**  
15234476

**Protanopia**  
9542340

**Deuteranopia**  
10917798



**Tritanopia**  
14974342

# Trichromacy



**Original Color**  
15234476



**Protanomaly**  
11636155



**Deuteranomaly**  
12487592

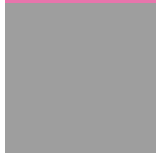


**Tritanomaly**  
15039124

# Monochromacy



**Original Color**  
15234476



**Achromatopsia**  
10395294



**Achromatomaly**  
12160931

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15234476 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 #E875AC looks like.

```
.text, #text, p{  
  color:#E875AC  
}
```

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 #E875AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E875AC
}
```

## Border

The CSS property to change the border of an element to Decimal 15234476 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
#E875AC }
```

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

```
.border{ border-color:#E875AC }
```

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

Here you see how a box with a 4 pixel #E875AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E875AC; -webkit-box-shadow:4px 4px  
4px 4px #E875AC; box-shadow:4px 4px 4px  
4px #E875AC }
```

# Background

The CSS property to change the background color of an element to Decimal 15234476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E875AC }
```

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

```
.background{ background-color:#E875AC }
```

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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