

# Converting Colors

Decimal(15285464)

Have a look what the booklet for  
Decimal(15285464) contains.

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# Color

**Decimal(15285464)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E93CD8
RGB	233, 60, 216
RGB Percent	91%, 24%, 85%
CMY	0.0863, 0.7647, 0.1529
CMYK	0.00, 0.74, 0.07, 0.09
HSL	306°, 80%, 57%
HSV	306°, 74%, 91%
XYZ	47.6148, 25.5132, 67.3807
YIQ	129.5110, 53.0320, 85.1920

# Conversions

## Conversions Part 2

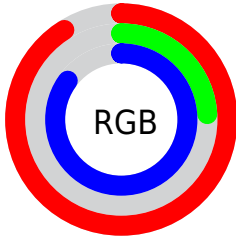
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 60, 216
Decimal	15285464
CIE Lab	57.57, 79.98, -43.59
CIE LCh	58, 91.088, 331.413
Yxy	25.5132, 0.3389, 0.1816
Android (android.graphics.Color)	4293475544 (0xFFE93CD8)
YUV	129.5110, 42.6391, 90.7599
Hunter-Lab	50.5106, 79.8729, -43.7349

# Details

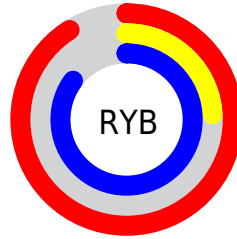
The Decimal color **15285464** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **3991885**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16743679**, and **11337889** is the 20% darker color. If you saturate the color by 10%, you get **15279574**, and if you desaturate by 10%, it is **15291354**.

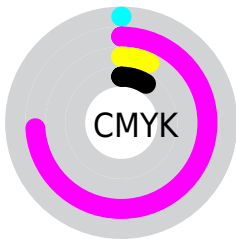
# Distribution



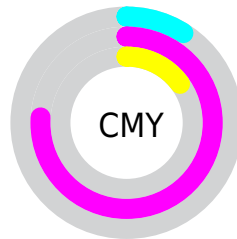
- Red (91%)
- Green (24%)
- Blue (85%)



- Red (91%)
- Yellow (24%)
- Blue (85%)



- Cyan (0%)
- Magenta (74%)
- Yellow (7%)
- Black (9%)




















- Cyan (9%)
- Magenta (76%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15285464 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 15285464 by changing the saturation by 10% instead.



 15285464	 15285464
 16777215	 13305788
 16743679	 11337889
 16751359	 9437318
 16759039	 7536748
 16766719	 5636179
 16774399	 3932219
	 1900580
	 12
	 0

■ 15285464

■ 15285464

■ 15279574

■ 15291354

■ 15273427

■ 15297501

■ 15270098

■ 15303391

■ 15309281

■ 15315427

■ 15321318

■ 15327208

■ 15333098

■ 15335405

# Harmonies

## Analogous

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



8483839



15285464



16711818

# Triad

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



15285464



10848512



43996

# Complementary

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



15285464



3991885

# 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.



43916



15285464



5348608

# Square

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



15285464



14837248



42550



42495

# Rectangle

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



15285464



16715606



42550



43971



# Sweetspot

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



15285464



16762873



4865257



8412796



0



8421504



# Same Dimension

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



15285464



16719081



15285380



7694964



11862179



3538992



# Inverse Universe

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



15285464



16719081



3991969



7694964



11862179



3538992



# Previews

## White Background



This preview shows how the Decimal color 15285464 looks on a white background.

## Color Contrast Check

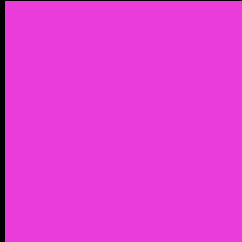
Large Text (above 18pt) WCAG AA ✓ Pass

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 15285464 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 15285464 Background



This preview shows how black text looks on a background with the Decimal color 15285464.



This preview shows how white text looks on a background with the Decimal color 15285464.

# 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**  
14574441

# Trichromacy



**Original Color**

15285464



**Protanomaly**

8744177



**Deuteranomaly**

10186449



**Tritanomaly**

14833041

# Monochromacy



**Original Color**

15285464



**Achromatopsia**

8553090



**Achromatomaly**

10971553

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15285464 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 #E93CD8 looks like.

```
.text, #text, p{  
    color:#E93CD8  
}
```

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 #E93CD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E93CD8
}
```

## Border

The CSS property to change the border of an element to Decimal 15285464 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
#E93CD8 }
```

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

```
.border{ border-color:#E93CD8 }
```

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

Here you see how a box with a 4 pixel #E93CD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E93CD8; -webkit-box-shadow:4px 4px  
4px 4px #E93CD8; box-shadow:4px 4px 4px  
4px #E93CD8 }
```

# Background

The CSS property to change the background color of an element to Decimal 15285464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E93CD8 }
```

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

```
.background{ background-color:#E93CD8 }
```

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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