

# Converting Colors

Decimal(15232477)

Have a look what the booklet for  
Decimal(15232477) contains.

<b>Decimal(15232477)</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(15232477)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E86DDD
RGB	232, 109, 221
RGB Percent	91%, 43%, 87%
CMY	0.0902, 0.5725, 0.1333
CMYK	0.00, 0.53, 0.05, 0.09
HSL	305°, 73%, 67%
HSV	305°, 53%, 91%
XYZ	51.7985, 33.3135, 72.1067
YIQ	158.5450, 37.3560, 60.9080

# Conversions

## Conversions Part 2

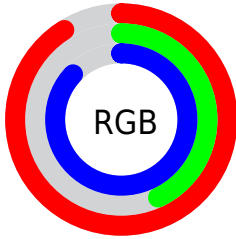
Format	Color
R <sub>Y</sub> B	232, 109, 221
Decimal	15232477
CIE Lab	64.41, 61.80, -35.68
CIE LCh	64, 71.360, 329.997
Yxy	33.3135, 0.3295, 0.2119
Android (android.graphics.Color)	4293422557 (0xFFE86DDD)
YUV	158.5450, 30.7903, 64.4200
Hunter-Lab	57.7179, 59.1872, -33.6682

# Details

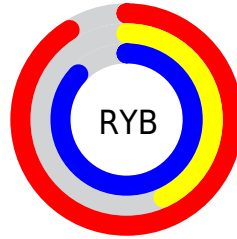
The Decimal color **15232477** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7202936**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **16754175**, and **11416742** is the 20% darker color. If you saturate the color by 10%, you get **15226587**, and if you desaturate by 10%, it is **15238367**.

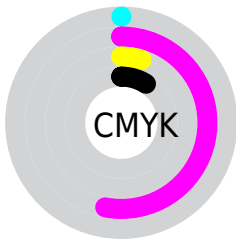
# Distribution



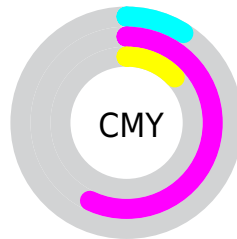
- Red (91%)
- Green (43%)
- Blue (87%)



- Red (91%)
- Yellow (43%)
- Blue (87%)



- Cyan (0%)
- Magenta (53%)
- Yellow (5%)
- Black (9%)



















- Cyan (9%)
- Magenta (57%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15232477 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 15232477 by changing the saturation by 10% instead.



 15232477	 15232477
 16777215	 13324737
 16754175	 11416742
 16761599	 9506443
 16769023	 7667825
 16776447	 5898328
	 4194368
	 2490410
	 275
	 0

 15232477

 15232477

 15226587

 15238367

 15220697

 15244257

 15214551

 15250403

 15208661

 15256293

 15204563

 15262183

 15268073

 15269868

 15269870

 15269872

# Harmonies

## Analogous

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



10062847



15232477



16734879

# Triad

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



15232477



12228864



47578

# Complementary

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



15232477



7202936

# 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.



47514



15232477



8104730

# Square

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



15232477



15433768



46425



46079

# Rectangle

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



15232477



16735861



46425



47814



# Sweetspot

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



15232477



16766715



7826920



8415101



0



8421504



# Same Dimension

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



15232477



16735472



15232416



7563122



11731107



3342382



# Inverse Universe

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



15232477



16735472



7202997



7563122



11731107

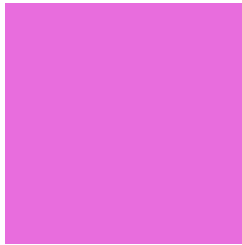


3342382



# Previews

## White Background



This preview shows how the Decimal color 15232477 looks on a white background.

## Color Contrast Check

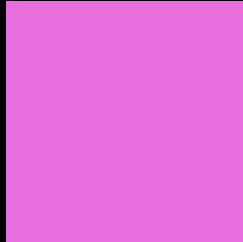
Large Text (above 18pt) WCAG AA × Fail

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 15232477 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 15232477 Background



This preview shows how black text looks on a background with the Decimal color 15232477.




This preview shows how white text looks on a background with the Decimal color 15232477.

# 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**  
14582155

# Trichromacy



**Original Color**  
15232477



**Protanomaly**  
10390003



**Deuteranomaly**  
11373272



**Tritanomaly**  
14842537

# Monochromacy



**Original Color**  
15232477



**Achromatopsia**  
10461087



**Achromatomaly**  
12225974

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15232477 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 #E86DDD looks like.

```
.text, #text, p{  
    color:#E86DDD  
}
```

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 #E86DDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E86DDD
}
```

## Border

The CSS property to change the border of an element to Decimal 15232477 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
#E86DDD }
```

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

```
.border{ border-color:#E86DDD }
```

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

Here you see how a box with a 4 pixel #E86DDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E86DDD; -webkit-box-shadow:4px 4px  
4px 4px #E86DDD; box-shadow:4px 4px 4px  
4px #E86DDD }
```

# Background

The CSS property to change the background color of an element to Decimal 15232477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E86DDD }
```

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

```
.background{ background-color:#E86DDD }
```

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