

# Converting Colors

Decimal(15553497)

Have a look what the booklet for  
Decimal(15553497) contains.

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# Color

**Decimal(15553497)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED53D9
RGB	237, 83, 217
RGB Percent	93%, 33%, 85%
CMY	0.0706, 0.6745, 0.1490
CMYK	0.00, 0.65, 0.08, 0.07
HSL	308°, 81%, 63%
HSV	308°, 65%, 93%
XYZ	50.5427, 29.2008, 68.6181
YIQ	144.3220, 48.7700, 74.3220

# Conversions

## Conversions Part 2

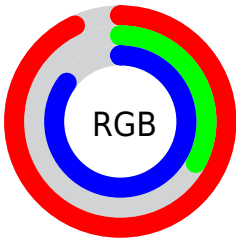
Format	Color
R <sub>YB</sub>	237, 83, 217
Decimal	15553497
CIE Lab	60.96, 73.36, -38.78
CIE LCh	61, 82.985, 332.137
Yxy	29.2008, 0.3407, 0.1968
Android (android.graphics.Color)	4293743577 (0xFFED53D9)
YUV	144.3220, 35.8303, 81.2786
Hunter-Lab	54.0378, 72.3889, -37.4610

# Details

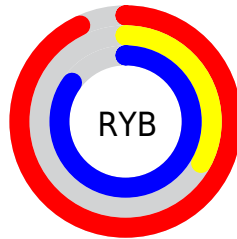
The Decimal color **15553497** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **5500263**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **16748287**, and **11665570** is the 20% darker color. If you saturate the color by 10%, you get **15547350**, and if you desaturate by 10%, it is **15559644**.

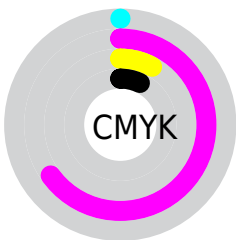
# Distribution



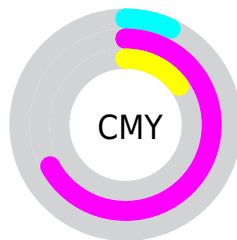
- Red (93%)
- Green (33%)
- Blue (85%)



- Red (93%)
- Yellow (33%)
- Blue (85%)



- Cyan (0%)
- Magenta (65%)
- Yellow (8%)
- Black (7%)


















- Cyan (7%)
- Magenta (67%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15553497 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 15553497 by changing the saturation by 10% instead.



 15553497	 15553497
16777215	 13578941
 16748287	 11665570
 16755711	 9699463
 16763391	 7864429
 16770815	 6029396
	 4325437
	 2424870
	 270
	 0

15553497

15553497

15547350

15559644

15541459

15565535

15535312

15571682

15532238

15577829

15583720

15589867

15596015

15597554

15597557

# Harmonies

## Analogous

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



9666047



15553497



16725137

# Triad

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



15553497



11375104



45792

# Complementary

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



15553497



5500263

# 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.



45974



15553497



6399232

# Square

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



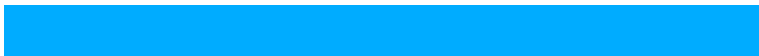
15553497



15102976



44617



44287

# Rectangle

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



15553497



16728161



44617



46025



# Sweetspot

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



15553497



16764921



6640621



8413820



0



8421504



# Same Dimension

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



15553497



16726245



15553422



7694964



11862174



3538991



# Inverse Universe

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



15553497



16726245



5500338



7694964



11862174



3538991



# Previews

## White Background



This preview shows how the Decimal color 15553497 looks on a white background.

## Color Contrast Check

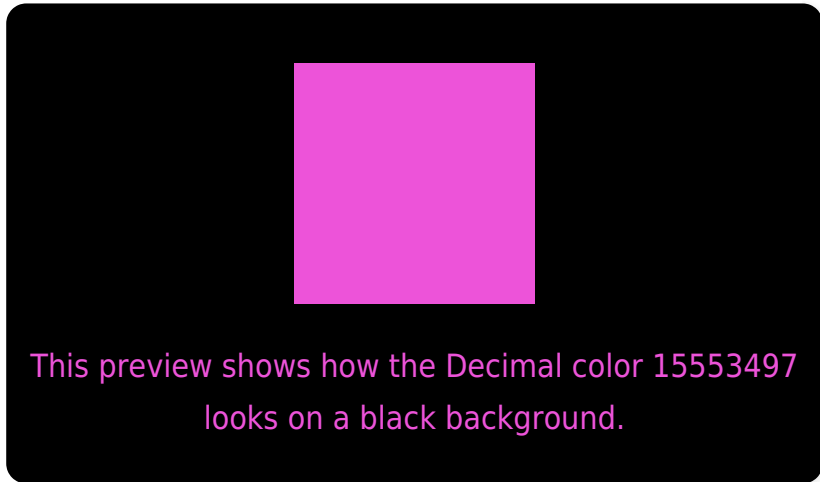
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## 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 15553497 Background



This preview shows how black text looks on a background with the Decimal color 15553497.



This preview shows how white text looks on a background with the Decimal color 15553497.

# 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**  
14905207

# Trichromacy



**Original Color**  
15553497



**Protanomaly**  
9730801



**Deuteranomaly**  
10910675



**Tritanomaly**  
15164827

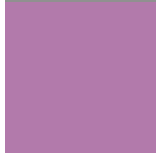
# Monochromacy



**Original Color**  
15553497



**Achromatopsia**  
9474192



**Achromatomaly**  
11696811

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15553497 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 #ED53D9 looks like.

```
.text, #text, p{  
    color:#ED53D9  
}
```

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 #ED53D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED53D9
}
```

## Border

The CSS property to change the border of an element to Decimal 15553497 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
#ED53D9 }
```

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

```
.border{ border-color:#ED53D9 }
```

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

Here you see how a box with a 4 pixel #ED53D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED53D9; -webkit-box-shadow:4px 4px  
4px 4px #ED53D9; box-shadow:4px 4px 4px  
4px #ED53D9 }
```

# Background

The CSS property to change the background color of an element to Decimal 15553497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED53D9 }
```

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

```
.background{ background-color:#ED53D9 }
```

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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