

# Converting Colors

Decimal(15703531)

Have a look what the booklet for  
Decimal(15703531) contains.

<b>Decimal(15703531)</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(15703531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF9DEB
RGB	239, 157, 235
RGB Percent	94%, 62%, 92%
CMY	0.0627, 0.3843, 0.0784
CMYK	0.00, 0.34, 0.02, 0.06
HSL	303°, 72%, 78%
HSV	303°, 34%, 94%
XYZ	62.6490, 48.4628, 84.6496
YIQ	190.4100, 23.8340, 41.6420

# Conversions

## Conversions Part 2

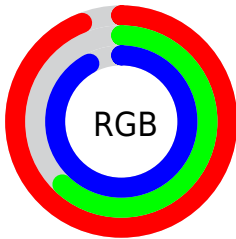
Format	Color
R <sub>Y</sub> B	239, 157, 235
Decimal	15703531
CIE Lab	75.12, 42.40, -26.80
CIE LCh	75, 50.161, 327.698
Yxy	48.4628, 0.3200, 0.2476
Android (android.graphics.Color)	4293893611 (0xFFEF9DEB)
YUV	190.4100, 21.9829, 42.6134
Hunter-Lab	69.6152, 38.8111, -23.3638

# Details

The Decimal color **15703531** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **10350497**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **16766463**, and **11954355** is the 20% darker color. If you saturate the color by 10%, you get **15697386**, and if you desaturate by 10%, it is **15709676**.

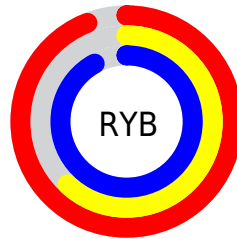
# Distribution



Red (94%)

Green (62%)

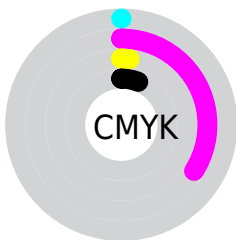
Blue (92%)



Red (94%)

Yellow (62%)

Blue (92%)

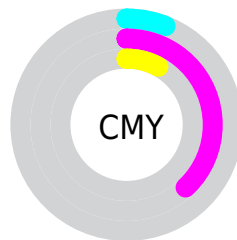


Cyan (0%)

Magenta (34%)

Yellow (2%)

Black (6%)



Cyan (6%)

Magenta (38%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15703531 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 15703531 by changing the saturation by 10% instead.



 15703531

 15703531

16777215

 13796047

 16766463

 11954355

 16773887

 10112664

 8336766

 6626149

 4915277

 3342389

 1703968

 3

 15703531

 15703531

 15697386

 15709676

 15691241

 15715821

 15685096

 15721966

 15678950

 15728112

 15672805

 15728625

 15666916

 15728626

 15663331

 15728627

 15728628

 15728629

# Harmonies

## Analogous

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



12037887



15703531



16749502

# Triad

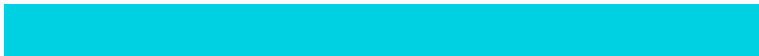
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15703531



14202202



53474

# Complementary

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



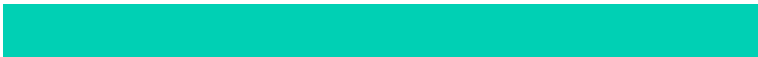
15703531



10350497

# 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.



53428



15703531



11191140

# Square

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



15703531



16557164



7457926



51967

# Rectangle

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



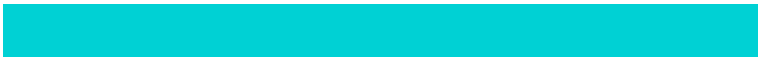
15703531



16749727



7457926



53716



# Sweetspot

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



15703531



16770814



10526191



8417407



0



8421504



# Same Dimension

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



15703531



16750330



15703491



7892087



12058799



3670069



# Inverse Universe

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



15703531



16750330



10350537



7892087



12058799



3670069



# Previews

## White Background



This preview shows how the Decimal color 15703531 looks on a white background.

## Color Contrast Check

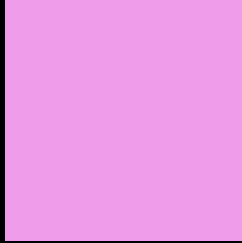
Large Text (above 18pt) WCAG AA × Fail

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 15703531 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 15703531 Background



This preview shows how black text looks on a background with the Decimal color 15703531.



This preview shows how white text looks on a background with the Decimal color 15703531.

# 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**  
15247541

# Trichromacy



**Original Color**  
15703531



**Protanomaly**  
12562167



**Deuteranomaly**  
13217256

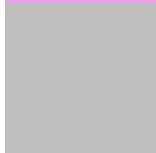


**Tritanomaly**  
15443145

# Monochromacy



**Original Color**  
15703531



**Achromatopsia**  
12500670



**Achromatomaly**  
13677262

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15703531 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 #EF9DEB looks like.

```
.text, #text, p{  
  color:#EF9DEB  
}
```

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 #EF9DEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF9DEB
}
```

## Border

The CSS property to change the border of an element to Decimal 15703531 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
#EF9DEB }
```

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

```
.border{ border-color:#EF9DEB }
```

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

Here you see how a box with a 4 pixel #EF9DEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF9DEB; -webkit-box-shadow:4px 4px  
4px 4px #EF9DEB; box-shadow:4px 4px 4px  
4px #EF9DEB }
```

# Background

The CSS property to change the background color of an element to Decimal 15703531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF9DEB }
```

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

```
.background{ background-color:#EF9DEB }
```

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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