

# Converting Colors

Decimal(15772877)

Have a look what the booklet for  
Decimal(15772877) contains.

<b>Decimal(15772877)</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(15772877)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0ACCD
RGB	240, 172, 205
RGB Percent	94%, 67%, 80%
CMY	0.0588, 0.3255, 0.1961
CMYK	0.00, 0.28, 0.15, 0.06
HSL	331°, 69%, 81%
HSV	331°, 28%, 94%
XYZ	61.7071, 52.4381, 64.6269
YIQ	196.0940, 29.9350, 24.6790

# Conversions

## Conversions Part 2

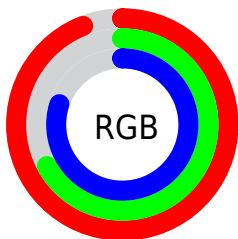
Format	Color
<a href="#">RYB</a>	<a href="#">240, 172, 205</a>
Decimal	<a href="#">15772877</a>
CIELab	<a href="#">77.54, 29.75, -6.80</a>
CIElCh	<a href="#">78, 30.517, 347.125</a>
Yxy	<a href="#">52.4381, 0.3452, 0.2933</a>
Android (android.graphics.Color)	<a href="#">4293962957</a> ( <a href="#">0xFFFF0ACCD</a> )
YUV	<a href="#">196.0940, 4.3907, 38.5056</a>
Hunter-Lab	<a href="#">72.4141, 25.3826, -2.2241</a>

# Details

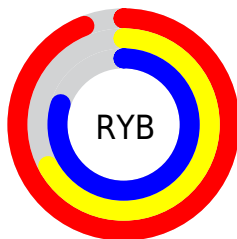
The Decimal color **15772877** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11333839**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **16770303**, and **12023703** is the 20% darker color. If you saturate the color by 10%, you get **15766721**, and if you desaturate by 10%, it is **15779033**.

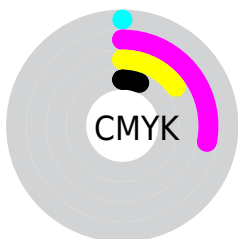
# Distribution



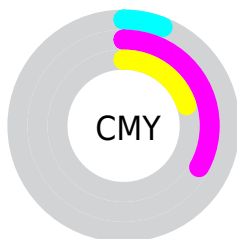
- Red (94%)
- Green (67%)
- Blue (80%)



- Red (94%)
- Yellow (67%)
- Blue (80%)



- Cyan (0%)
- Magenta (28%)
- Yellow (15%)
- Black (6%)



- Cyan (6%)
- Magenta (33%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15772877 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 15772877 by changing the saturation by 10% instead.



 15772877

 15772877

16777215

 13865394

 16770303

 12023703

 10247805

 8471908

 6761804

 5051957

 3473440

 2097159

 0

 15772877

 15772877

 15766721

 15779033

 15760564

 15785190

 15754408

 15791346

 15748252

 15794174

 15742095

 15794175

 15735939

 15729783

 15728756

# Harmonies

## Analogous

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



14201830



15772877



16362416

# Triad

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



15772877



12829577



7195880

# Complementary

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



15772877



11333839

# 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.



7065551



15772877



10734232

# Square

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



15772877



14662281



8638386



9094902

# Rectangle

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



15772877



16166559



8638386



6934241



# Sweetspot

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



15772877



16771315



13544688



8417656



0



8421504



# Same Dimension

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



15772877



16754898



15772844



7892082



12058713



3670043



# Inverse Universe

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



15772877



16754898



11333872



7892082



12058713

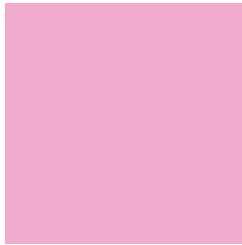


3670043



# Previews

## White Background



This preview shows how the Decimal color 15772877 looks on a white background.

## Color Contrast Check

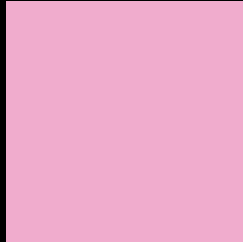
Large Text (above 18pt) WCAG AA × Fail

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 15772877 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 15772877 Background



This preview shows how black text looks on a background with the Decimal color 15772877.



This preview shows how white text looks on a background with the Decimal color 15772877.

# 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**  
15772877

**Protanopia**  
12369881

**Deuteranopia**  
13548234



**Tritanopia**  
15642556

# Trichromacy



**Original Color**  
15772877



**Protanomaly**  
13613269



**Deuteranomaly**  
14333387



**Tritanomaly**  
15707842

# Monochromacy



**Original Color**  
15772877



**Achromatopsia**  
12895428



**Achromatomaly**  
13941703

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15772877 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 #F0ACCD looks like.

```
.text, #text, p{  
    color:#F0ACCD  
}
```

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 #F0ACCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0ACCD
}
```

## Border

The CSS property to change the border of an element to Decimal 15772877 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
#F0ACCD }
```

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

```
.border{ border-color:#F0ACCD }
```

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

Here you see how a box with a 4 pixel #F0ACCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0ACCD; -webkit-box-shadow:4px 4px  
4px 4px #F0ACCD; box-shadow:4px 4px 4px  
4px #F0ACCD }
```

# Background

The CSS property to change the background color of an element to Decimal 15772877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0ACCD }
```

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

```
.background{ background-color:#F0ACCD }
```

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