

# Converting Colors

Decimal(15428056)

Have a look what the booklet for  
Decimal(15428056) contains.

<b>Decimal(15428056)</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(15428056)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB69D8
RGB	235, 105, 216
RGB Percent	92%, 41%, 85%
CMY	0.0784, 0.5882, 0.1529
CMYK	0.00, 0.55, 0.08, 0.08
HSL	309°, 76%, 67%
HSV	309°, 55%, 92%
XYZ	51.7072, 32.7232, 68.5567
YIQ	156.5240, 41.8490, 62.0810

# Conversions

## Conversions Part 2

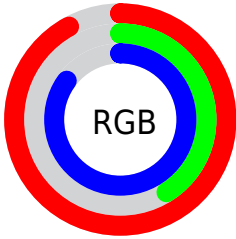
Format	Color
R <sub>Y</sub> B	235, 105, 216
Decimal	15428056
CIE Lab	63.94, 63.62, -33.60
CIE LCh	64, 71.945, 332.160
Yxy	32.7232, 0.3380, 0.2139
Android (android.graphics.Color)	4293618136 (0xFFEB69D8)
YUV	156.5240, 29.3217, 68.8235
Hunter-Lab	57.2042, 61.2399, -31.0135

# Details

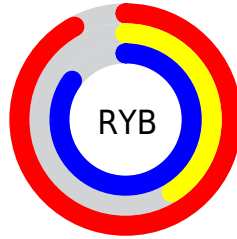
The Decimal color **15428056** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6941564**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **16753151**, and **11546273** is the 20% darker color. If you saturate the color by 10%, you get **15421909**, and if you desaturate by 10%, it is **15433947**.

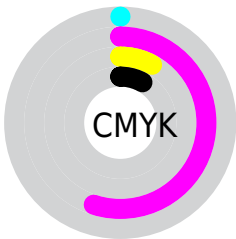
# Distribution



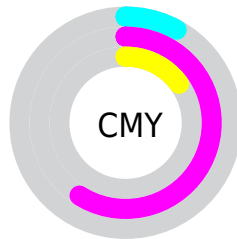
- Red (92%)
- Green (41%)
- Blue (85%)



- Red (92%)
- Yellow (41%)
- Blue (85%)



- Cyan (0%)
- Magenta (55%)
- Yellow (8%)
- Black (8%)



















- Cyan (8%)
- Magenta (59%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15428056 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 15428056 by changing the saturation by 10% instead.



 15428056	 15428056
 16777215	 13454780
 16753151	 11546273
 16760575	 9699462
 16767999	 7864429
 16775679	 6029396
	 4325436
	 2621478
	 270
	 0

 15428056

 15428056

 15421909

 15433947

 15416017

 15440095

 15409870

 15445986

 15403978

 15452134

 15401161

 15458025

 15464173

 15466480

 15466483

 15466487

# Harmonies

## Analogous

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



10455295



15428056



16734105

# Triad

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



15428056



11901440



47326

# Complementary

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



15428056



6941564

# 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.



47262



15428056



7645979

# Square

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



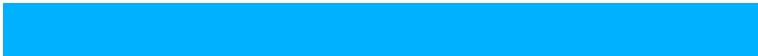
15428056



15171873



46171



45567

# Rectangle

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



15428056



16735599



46171



47306



# Sweetspot

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



15428056



16766201



8022507



8414844



0



8421504



# Same Dimension

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



15428056



16734182



15427993



7694964



11862171



3538990



# Inverse Universe

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



15428056



16734182



6941627



7694964



11862171

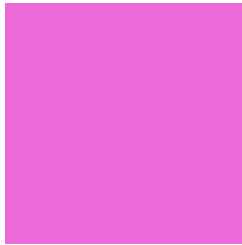


3538990



# Previews

## White Background



This preview shows how the Decimal color 15428056 looks on a white background.

## Color Contrast Check

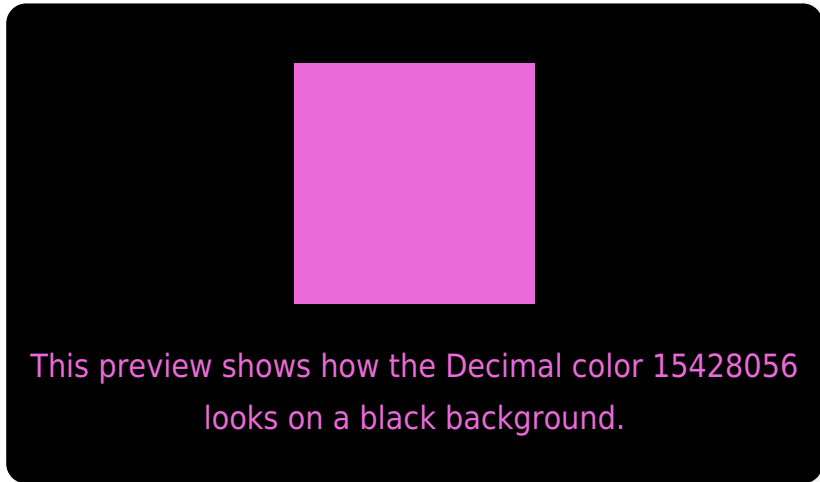
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

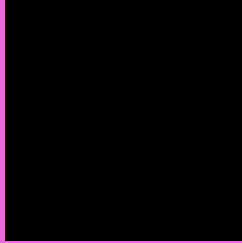
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15428056 Background



This preview shows how black text looks on a background with the Decimal color 15428056.



This preview shows how white text looks on a background with the Decimal color 15428056.

# 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**  
14843270

# Trichromacy



**Original Color**  
15428056



**Protanomaly**  
10389489



**Deuteranomaly**  
11503827



**Tritanomaly**  
15038116

# Monochromacy



**Original Color**  
15428056



**Achromatopsia**  
10329501



**Achromatomaly**  
12159666

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15428056 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 #EB69D8 looks like.

```
.text, #text, p{  
    color:#EB69D8  
}
```

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 #EB69D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB69D8  
}
```

## Border

The CSS property to change the border of an element to Decimal 15428056 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  
#EB69D8 }
```

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

```
.border{ border-color:#EB69D8 }
```

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

Here you see how a box with a 4 pixel #EB69D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB69D8; -webkit-box-shadow:4px 4px  
4px 4px #EB69D8; box-shadow:4px 4px 4px  
4px #EB69D8 }
```

# Background

The CSS property to change the background color of an element to Decimal 15428056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB69D8 }
```

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

```
.background{ background-color:#EB69D8 }
```

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