

# Converting Colors

Decimal(6825435)

Have a look what the booklet for  
Decimal(6825435) contains.

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**Color**

**Decimal(6825435)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6825DB
RGB	104, 37, 219
RGB Percent	41%, 15%, 86%
CMY	0.5922, 0.8549, 0.1412
CMYK	0.53, 0.83, 0.00, 0.14
HSL	262°, 72%, 50%
HSV	262°, 83%, 86%
XYZ	19.1567, 9.3807, 67.8188
YIQ	77.7810, -18.4900, 70.8060

# Conversions

## Conversions Part 2

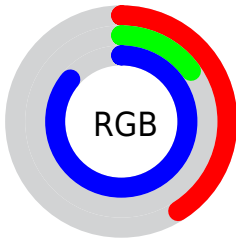
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 37, 219
Decimal	6825435
CIE <sub>Lab</sub>	36.71, 65.97, -79.93
CIE <sub>LCh</sub>	37, 103.636, 309.535
Yxy	9.3807, 0.1988, 0.0974
Android (android.graphics.Color)	4285015515 (0xFF6825DB)
YUV	77.7810, 69.6210, 22.9941
Hunter-Lab	30.6279, 58.0468, -109.8454




# Details

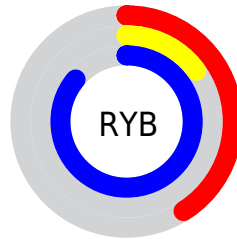
The Decimal color **6825435** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **10017573**, and the grayscale version is **5066061**.




A 20% lighter version of the original color is **10903039**, and **1900706** is the 20% darker color. If you saturate the color by 10%, you get **5902299**, and if you desaturate by 10%, it is **7748571**.

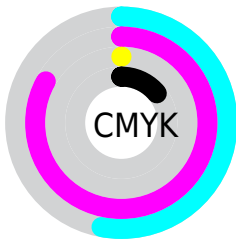
# Distribution







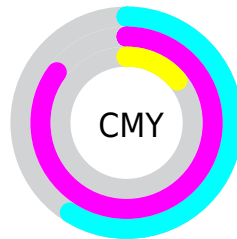
-  Red (41%)
-  Green (15%)
-  Blue (86%)






-  Red (41%)
-  Yellow (15%)
-  Blue (86%)



-  Cyan (53%)
-  Magenta (83%)
-  Yellow (0%)
-  Black (14%)





















-  Cyan (59%)
-  Magenta (85%)
-  Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6825435 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 6825435 by changing the saturation by 10% instead.



 6825435	 6825435
 16777215	 4653246
 10903039	 1900706
 12876031	 135
 14914559	 109
 16756735	 1363
 16763903	 1595
 16771327	 549
	 269
	 0

■ 6825435

■ 6825435

■ 5902299

■ 7748571

■ 5308635

■ 8671707

■ 9594843

■ 10452443

■ 11375579

■ 12298459

■ 13221595

■ 14144731

■ 15067867

# Harmonies

## Analogous

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



24063



6825435



12910739

# Triad

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



6825435



9844992



29296

# Complementary

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



6825435



10017573

# 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.



28688



6825435



5397504

# Square

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



6825435



13041664



27136



29890

# Rectangle

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



6825435



14221404



27136



29011



# Sweetspot

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



6825435



14139391



2463963



6773120



0



8421504



# Same Dimension

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



6825435



6160639



12789211



6775662



4194477



1114158



# Inverse Universe

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



14362008



16711841



4053797



7234410



11337838

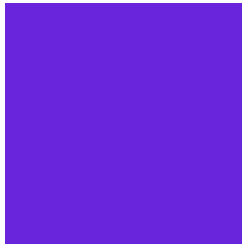


3014685



# Previews

## White Background



This preview shows how the Decimal color 6825435 looks on a white background.

## Color Contrast Check

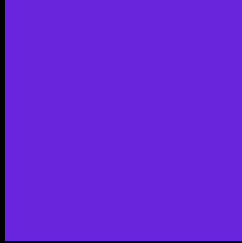
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Decimal color 6825435 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

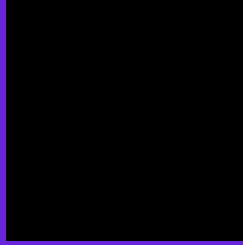
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6825435 Background



This preview shows how black text looks on a background with the Decimal color 6825435.

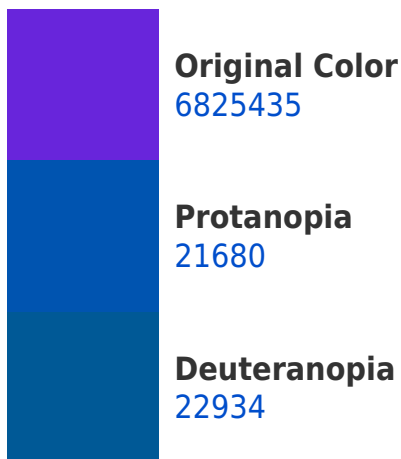



This preview shows how white text looks on a background with the Decimal color 6825435.

# 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**  
4348514

# Trichromacy



**Original Color**  
6825435



**Protanomaly**  
2507712



**Deuteranomaly**  
2508463



**Tritanomaly**  
5261198

# Monochromacy



**Original Color**  
6825435



**Achromatopsia**  
5131854



**Achromatomaly**  
5717889

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6825435 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 #6825DB looks like.

```
.text, #text, p{  
    color:#6825DB  
}
```

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 #6825DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6825DB
}
```

## Border

The CSS property to change the border of an element to Decimal 6825435 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
#6825DB }
```

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

```
.border{ border-color:#6825DB }
```

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

Here you see how a box with a 4 pixel #6825DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6825DB; -webkit-box-shadow:4px 4px  
4px 4px #6825DB; box-shadow:4px 4px 4px  
4px #6825DB }
```

# Background

The CSS property to change the background color of an element to Decimal 6825435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6825DB }
```

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

```
.background{ background-color:#6825DB }
```

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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