

# Converting Colors

Decimal(6704856)

Have a look what the booklet for  
Decimal(6704856) contains.

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# Color

**Decimal(6704856)**

# Conversions

## Conversions Part 1

Format	Color
Hex	664ED8
RGB	102, 78, 216
RGB Percent	40%, 31%, 85%
CMY	0.6000, 0.6941, 0.1529
CMYK	0.53, 0.64, 0.00, 0.15
HSL	250°, 64%, 58%
HSV	250°, 64%, 85%
XYZ	20.5985, 13.2314, 66.4340
YIQ	100.9080, -29.9940, 48.0060

# Conversions

## Conversions Part 2

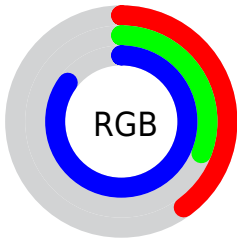
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 78, 216
Decimal	6704856
CIE <sub>Lab</sub>	43.11, 45.55, -67.72
CIE <sub>LCh</sub>	43, 81.611, 303.926
Yxy	13.2314, 0.2054, 0.1320
Android (android.graphics.Color)	4284894936 (0xFF664ED8)
YUV	100.9080, 56.7404, 0.9577
Hunter-Lab	36.3750, 37.4252, -82.8225

# Details

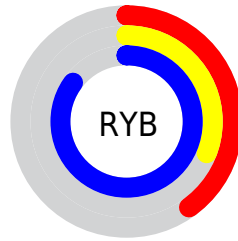
The Decimal color **6704856** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted purple. A complement of this color would be **12638286**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **10584319**, and **2170784** is the 20% darker color. If you saturate the color by 10%, you get **5519576**, and if you desaturate by 10%, it is **7890136**.

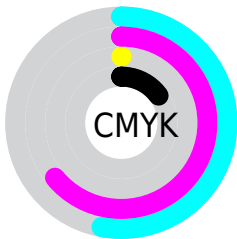
# Distribution



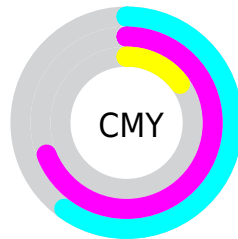
- Red (40%)
- Green (31%)
- Blue (85%)



- Red (40%)
- Yellow (31%)
- Blue (85%)



- Cyan (53%)
- Magenta (64%)
- Yellow (0%)
- Black (15%)



- Cyan (60%)
- Magenta (69%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6704856 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 6704856 by changing the saturation by 10% instead.



6704856

6704856

16777215

4667068

10584319

2170784

12557311

1925

14530303

107

16503551

82

16773119

1338

547

10

0

■ 6704856

■ 6704856

■ 5519576

■ 7890136

■ 4334552

■ 9075160

■ 3149272

■ 10260440

■ 2490584

■ 11379928

■ 12565208

■ 13750488

■ 14935512

■ 16120792

■ 16777176

# Harmonies

## Analogous

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



28143



6704856



12192163

# Triad

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



6704856



11159808



32877

# Complementary

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



6704856



12638286

# 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.



32035



6704856



7693824

# Square

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



6704856



13436702



2586112



33201

# Rectangle

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



6704856



13697143



2586112



32854



# Sweetspot

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



6704856



14143487



5161432



6775424



0



8421504



# Same Dimension

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



6704856



6110207



11161304



6447211



1966251



524331



# Inverse Universe

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



14175936



16727005



8181838



7037033



11206797

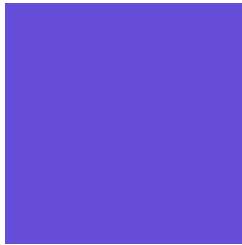


2818084



# Previews

## White Background



This preview shows how the Decimal color 6704856 looks on a white background.

## Color Contrast Check

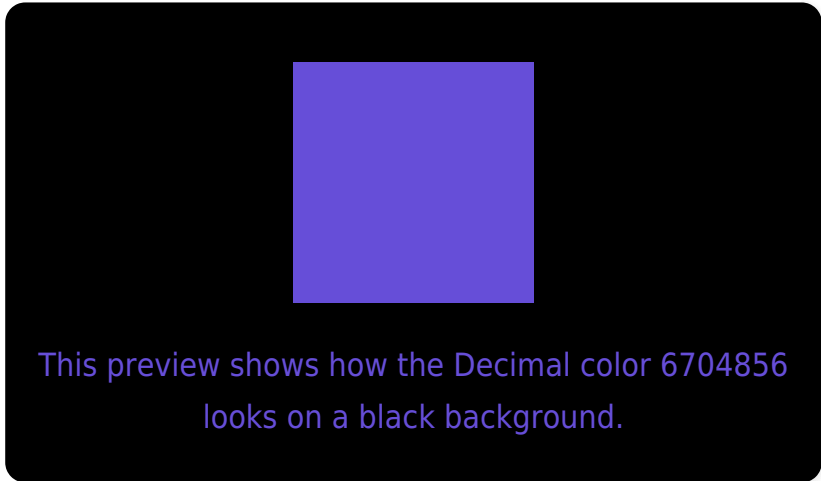
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

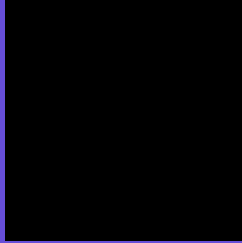
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6704856 Background



This preview shows how black text looks on a background with the Decimal color 6704856.




This preview shows how white text looks on a background with the Decimal color 6704856.

# 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



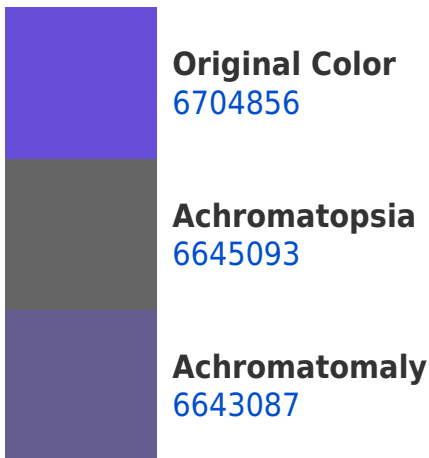


**Tritanopia**  
4549748

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6704856 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 #664ED8 looks like.

```
.text, #text, p{  
    color:#664ED8  
}
```

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 #664ED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664ED8
}
```

## Border

The CSS property to change the border of an element to Decimal 6704856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

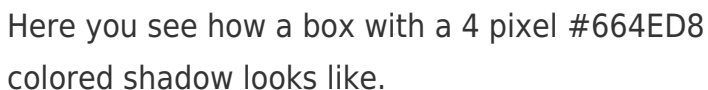
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#664ED8 }
```

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

```
.border{ border-color:#664ED8 }
```

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



Here you see how a box with a 4 pixel #664ED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664ED8; -webkit-box-shadow:4px 4px  
4px 4px #664ED8; box-shadow:4px 4px 4px  
4px #664ED8 }
```

# Background

The CSS property to change the background color of an element to Decimal 6704856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664ED8 }
```

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

```
.background{ background-color:#664ED8 }
```

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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