

Converting Colors

Decimal(8404406)

Have a look what the booklet for
Decimal(8404406) contains.

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Color

Decimal(8404406)

Conversions

Conversions Part 1

Format	Color
Hex	803DB6
RGB	128, 61, 182
RGB Percent	50%, 24%, 71%
CMY	0.4980, 0.7608, 0.2863
CMYK	0.30, 0.66, 0.00, 0.29
HSL	273°, 50%, 48%
HSV	273°, 66%, 71%
XYZ	19.0143, 11.3041, 45.4357
YIQ	94.8270, 1.0910, 51.8350

Conversions

Conversions Part 2

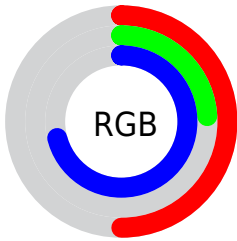
Format	Color
R_{YB}	128, 61, 182
Decimal	8404406
CIE _{Lab}	40.09, 50.67, -52.75
CIE _{LCh}	40, 73.144, 313.846
Yxy	11.3041, 0.2510, 0.1492
Android (android.graphics.Color)	4286594486 (0xFF803DB6)
YUV	94.8270, 42.9763, 29.0927
Hunter-Lab	33.6215, 42.1112, -56.5886

Details

The Decimal color **8404406** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7583293**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **12087791**, and **4784512** is the 20% darker color. If you saturate the color by 10%, you get **7875510**, and if you desaturate by 10%, it is **8933302**.

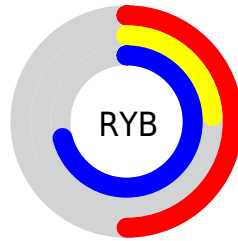
Distribution



Red (50%)

Green (24%)

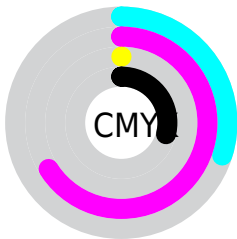
Blue (71%)



Red (50%)

Yellow (24%)

Blue (71%)

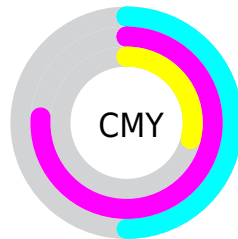


Cyan (30%)

Magenta (66%)

Yellow (0%)

Black (29%)



Cyan (50%)

Magenta (76%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8404406 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 8404406 by changing the saturation by 10% instead.

■ 8404406

■ 8404406

16777215

■ 6562715

■ 12087791

■ 4784512

■ 13995007

■ 2949222

■ 15968255

■ 1310798

■ 16761855

■ 54

■ 16769023

■ 543

■ 16776447

■ 3

■ 0

■ 8404406

■ 8404406

■ 7875510

■ 8933302

■ 7346614

■ 9462198

■ 6817462

■ 9991350

■ 6619318

■ 10520246

■ 11114678

■ 11643574

■ 12172470

■ 12701622

■ 13230518

Harmonies

Analogous

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



24021



8404406



11927681

Triad

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



8404406



9326592



30586

Complementary

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



8404406



7583293

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.



30011



8404406



5989632

Square

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



8404406



11741958



28672



30385

Rectangle

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



8404406



12714074



28672



30309

Sweetspot

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



8404406



14204653



4027318



7035768



16250871



7895160

Same Dimension

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



8404406



9973741



11943344



5788508



5636252



1048604

Inverse Universe

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



11943283



15544196



4044355



6050647



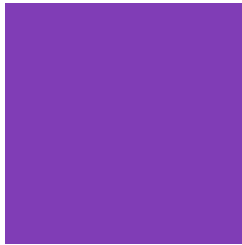
10223685



1835021

Previews

White Background



This preview shows how the Decimal color 8404406 looks on a white background.

Color Contrast Check

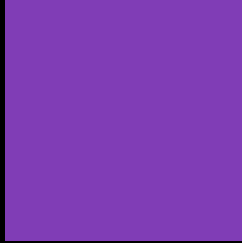
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 8404406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

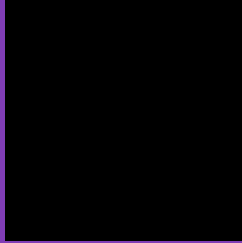
Any Text WCAG AA × Fail

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 8404406 Background



This preview shows how black text looks on a background with the Decimal color 8404406.

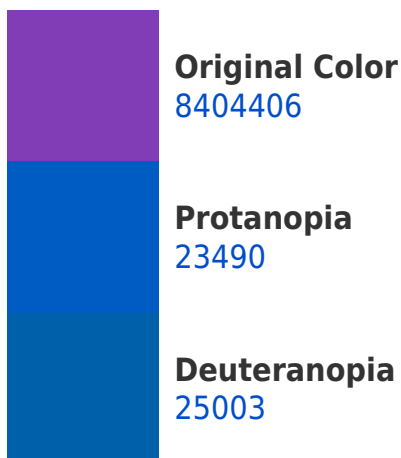


This preview shows how white text looks on a background with the Decimal color 8404406.

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



Trichromacy



Original Color
8404406



Protanomaly
3100862



Deuteranomaly
3101871



Tritanomaly
7753343

Monochromacy



Original Color
8404406



Achromatopsia
6250335



Achromatomaly
7033727

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8404406 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 #803DB6 looks like.

```
.text, #text, p{  
  color:#803DB6  
}
```

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 #803DB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803DB6
}
```

Border

The CSS property to change the border of an element to Decimal 8404406 is called "border". The border property can be set on classes, ids or directly on the HTML element.

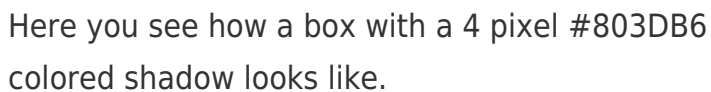
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803DB6 }
```

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

```
.border{ border-color:#803DB6 }
```

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



Here you see how a box with a 4 pixel #803DB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803DB6; -webkit-box-shadow:4px 4px  
4px 4px #803DB6; box-shadow:4px 4px 4px  
4px #803DB6 }
```

Background

The CSS property to change the background color of an element to Decimal 8404406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803DB6 }
```

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

```
.background{ background-color:#803DB6 }
```

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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