

Converting Colors

Decimal(8746712)

Have a look what the booklet for
Decimal(8746712) contains.

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Color

Decimal(8746712)

Conversions

Conversions Part 1

Format	Color
Hex	8576D8
RGB	133, 118, 216
RGB Percent	52%, 46%, 85%
CMY	0.4784, 0.5373, 0.1529
CMYK	0.38, 0.45, 0.00, 0.15
HSL	249°, 56%, 65%
HSV	249°, 45%, 85%
XYZ	28.5460, 22.9013, 67.8816
YIQ	133.6570, -22.5180, 33.6580

Conversions

Conversions Part 2

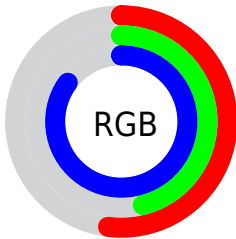
Format	Color
RYB	133, 118, 216
Decimal	8746712
CIELab	54.97, 28.93, -48.49
CIELCh	55, 56.468, 300.823
Yxy	22.9013, 0.2392, 0.1919
Android (android.graphics.Color)	4286936792 (0xFF8576D8)
YUV	133.6570, 40.5951, -0.5762
Hunter-Lab	47.8553, 22.7296, -50.6028

Details

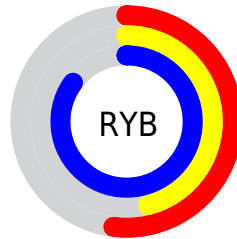
The Decimal color **8746712** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **13228150**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **12430079**, and **5129633** is the 20% darker color. If you saturate the color by 10%, you get **7561432**, and if you desaturate by 10%, it is **9931992**.

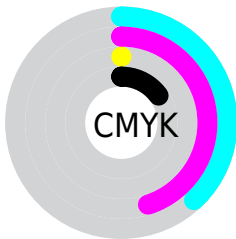
Distribution



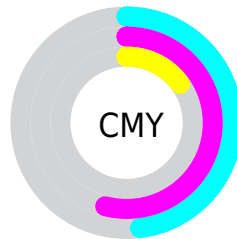
- Red (52%)
- Green (46%)
- Blue (85%)



- Red (52%)
- Yellow (46%)
- Blue (85%)



- Cyan (38%)
- Magenta (45%)
- Yellow (0%)
- Black (15%)



- Cyan (48%)
- Magenta (54%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8746712 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 8746712 by changing the saturation by 10% instead.

8746712

8746712

16777215

6905276

12430079

5129633

14337791

3288966

16245503

924268

16776959

1107

59

549

269

0

■ 8746712

■ 8746712

■ 7561432

■ 9931992

■ 6310872

■ 11182552

■ 5125592

■ 12367832

■ 3940568

■ 13552856

■ 2755288

■ 14738136

■ 2162904

■ 15988952

■ 16777176

Harmonies

Analogous

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



35302



8746712



12542388

Triad

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



8746712



12676908



39811

Complementary

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



8746712



13228150

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.



1283921



8746712



10191379

Square

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



8746712



14179412



6983463



39604

Rectangle

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



8746712



13915797



6983463



39538

Sweetspot

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



8746712



14801919



7784920



7170688



0



8421504

Same Dimension

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



8746712



9074175



11957976



6447211



1704107



458795

Inverse Universe

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



14186185



16741866



10016886



7037033



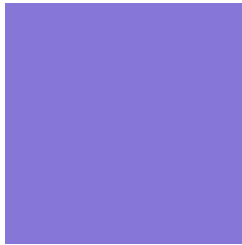
11206801



2818085

Previews

White Background



This preview shows how the Decimal color 8746712 looks on a white background.

Color Contrast Check

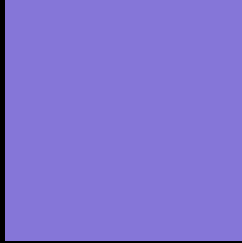
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 8746712 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 × Fail

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

Decimal 8746712 Background



This preview shows how black text looks on a background with the Decimal color 8746712.

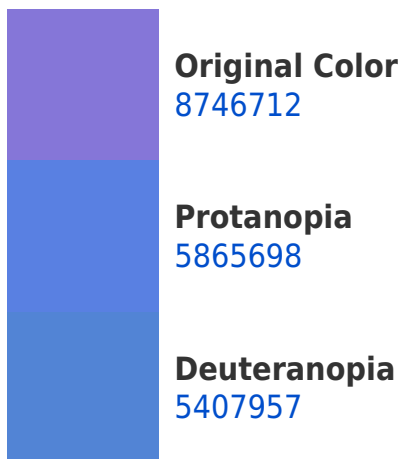


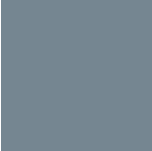
This preview shows how white text looks on a background with the Decimal color 8746712.

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](#).

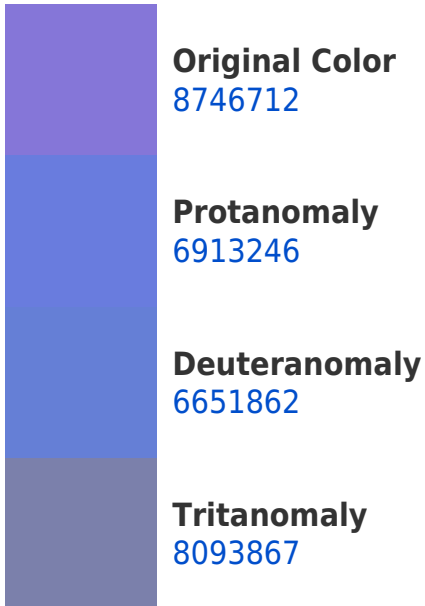
Dichromacy





Tritanopia
7702161

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8746712 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 #8576D8 looks like.

```
.text, #text, p{  
    color:#8576D8  
}
```

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 #8576D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8576D8
}
```

Border

The CSS property to change the border of an element to Decimal 8746712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

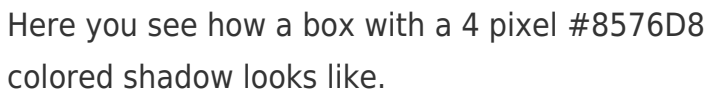
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8576D8 }
```

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

```
.border{ border-color:#8576D8 }
```

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



Here you see how a box with a 4 pixel #8576D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8576D8; -webkit-box-shadow:4px 4px  
4px 4px #8576D8; box-shadow:4px 4px 4px  
4px #8576D8 }
```

Background

The CSS property to change the background color of an element to Decimal 8746712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8576D8 }
```

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

```
.background{ background-color:#8576D8 }
```

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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