

Converting Colors

Decimal(8732112)

Have a look what the booklet for
Decimal(8732112) contains.

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Color

Decimal(8732112)

Conversions

Conversions Part 1

Format	Color
Hex	853DD0
RGB	133, 61, 208
RGB Percent	52%, 24%, 82%
CMY	0.4784, 0.7608, 0.1843
CMYK	0.36, 0.71, 0.00, 0.18
HSL	269°, 61%, 53%
HSV	269°, 71%, 82%
XYZ	22.7268, 12.8781, 60.9624
YIQ	99.2860, -4.2750, 60.9810

Conversions

Conversions Part 2

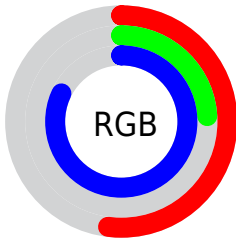
Format	Color
R_{YB}	133, 61, 208
Decimal	8732112
CIE _{Lab}	42.58, 57.84, -63.84
CIE _{LCh}	43, 86.149, 312.178
Yxy	12.8781, 0.2353, 0.1334
Android (android.graphics.Color)	4286922192 (0xFF853DD0)
YUV	99.2860, 53.5960, 29.5672
Hunter-Lab	35.8861, 50.2441, -75.6002

Details

The Decimal color **8732112** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **8966205**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **12546815**, and **4915352** is the 20% darker color. If you saturate the color by 10%, you get **8005840**, and if you desaturate by 10%, it is **9458384**.

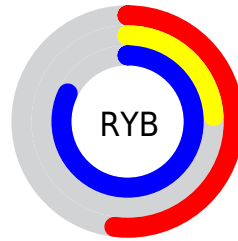
Distribution



Red (52%)

Green (24%)

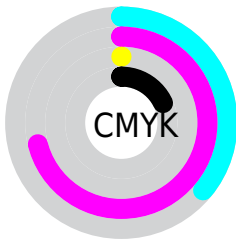
Blue (82%)



Red (52%)

Yellow (24%)

Blue (82%)

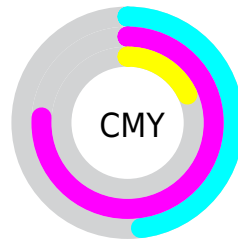


Cyan (36%)

Magenta (71%)

Yellow (0%)

Black (18%)



Cyan (48%)

Magenta (76%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8732112 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 8732112 by changing the saturation by 10% instead.

 8732112

 8732112

16777215

 6824372

 12546815

 4915352

 14519807

 2883710

 16493055

 131172

 16762367

 75

 16769535

 1075

 541

 0

 8732112

 8732112

8005840

9458384

7345104

10119120

6684880

10845136

11505872

12232144

12958416

13619152

14345168

15071440

Harmonies

Analogous

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



26099



8732112



13172882

Triad

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



8732112



10309888



32897

Complementary

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



8732112



8966205

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.



32309



8732112



6384384

Square

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



8732112



13113088



30720



32964

Rectangle

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



8732112



14221411



30720



32616

Sweetspot

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



8732112



14993919



4032976



7299200



0



8421504

Same Dimension

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



8732112



9447167



13516240



6512233



5374120



1310761

Inverse Universe

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



13647240



16721557



4182077



6905443



11010134



2686997

Previews

White Background



This preview shows how the Decimal color 8732112 looks on a white background.

Color Contrast Check

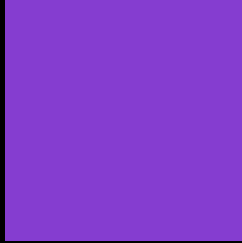
Large Text (above 18pt) WCAG AA ✓ Pass

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 8732112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

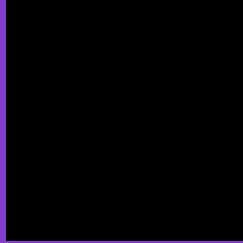
Any Text WCAG AA × Fail

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 8732112 Background



This preview shows how black text looks on a background with the Decimal color 8732112.

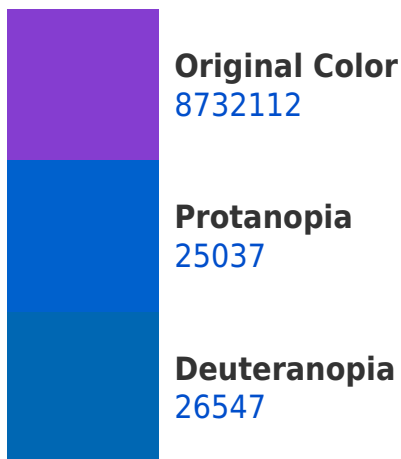



This preview shows how white text looks on a background with the Decimal color 8732112.

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
7364712

Trichromacy



Original Color
8732112



Protanomaly
3167438



Deuteranomaly
3168446



Tritanomaly
7885710

Monochromacy



Original Color
8732112



Achromatopsia
6513507



Achromatomaly
7296395

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8732112 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 #853DD0 looks like.

```
.text, #text, p{  
    color:#853DD0  
}
```

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 #853DD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #853DD0
}
```

Border

The CSS property to change the border of an element to Decimal 8732112 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
#853DD0 }
```

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

```
.border{ border-color:#853DD0 }
```

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

Here you see how a box with a 4 pixel #853DD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #853DD0; -webkit-box-shadow:4px 4px  
4px 4px #853DD0; box-shadow:4px 4px 4px  
4px #853DD0 }
```

Background

The CSS property to change the background color of an element to Decimal 8732112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#853DD0 }
```

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

```
.background{ background-color:#853DD0 }
```

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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