

Converting Colors

Decimal(8454272)

Have a look what the booklet for
Decimal(8454272) contains.

Decimal(8454272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8454272)

Conversions

Conversions Part 1

Format	Color
Hex	810080
RGB	129, 0, 128
RGB Percent	51%, 0%, 50%
CMY	0.4941, 1.0000, 0.4980
CMYK	0.00, 1.00, 0.01, 0.49
HSL	300°, 100%, 25%
HSV	300°, 100%, 51%
XYZ	12.9495, 6.2256, 20.9412
YIQ	53.1630, 35.7960, 67.1560

Conversions

Conversions Part 2

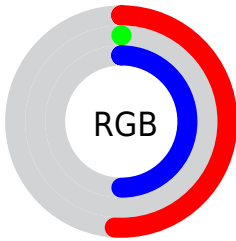
Format	Color
R_{YB}	129, 0, 128
Decimal	8454272
CIE _{Lab}	29.97, 59.11, -36.18
CIE _{LCh}	30, 69.307, 328.533
Yxy	6.2256, 0.3228, 0.1552
Android (android.graphics.Color)	4286644352 (0xFF810080)
YUV	53.1630, 36.8946, 66.5090
Hunter-Lab	24.9512, 48.9758, -32.2954

Details

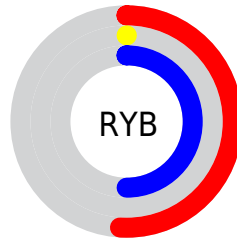
The Decimal color **8454272** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **33025**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **12142773**, and **4915278** is the 20% darker color. If you saturate the color by 10%, you get **8454272**, and if you desaturate by 10%, it is **8457600**.

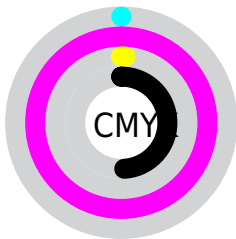
Distribution



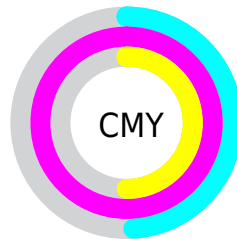
- Red (51%)
- Green (0%)
- Blue (50%)



- Red (51%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8454272 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 8454272 by changing the saturation by 10% instead.

■ 8454272

■ 8454272

16777215

■ 6684775

■ 12142773

■ 4915278

■ 14050513

■ 3407927

■ 16023790

■ 1114144

■ 16751615

■ 4

■ 16759039

■ 0

■ 16766463

■ 16773887

■ 8454272

■ 8457600

■ 8460928

■ 8464256

■ 8467584

■ 8470913

■ 8473985

■ 8477313

■ 8480641

■ 8483969

Harmonies

Analogous

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



2701735



8454272



10354764

Triad

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



8454272



5915648



23417

Complementary

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



8454272



33025

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.



23362



8454272



2183680

Square

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



8454272



8530176



22528



22948

Rectangle

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



8454272



10420265



22528



23400

Sweetspot

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



8454272



11040424



129



5518932



13948116



5526612

Same Dimension

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



8454272



11010215



8454209



4208960



8388735



0

Inverse Universe

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



8454272



11010215



33089



4208960



8388735



0

Previews

White Background



This preview shows how the Decimal color 8454272 looks on a white background.

Color Contrast Check

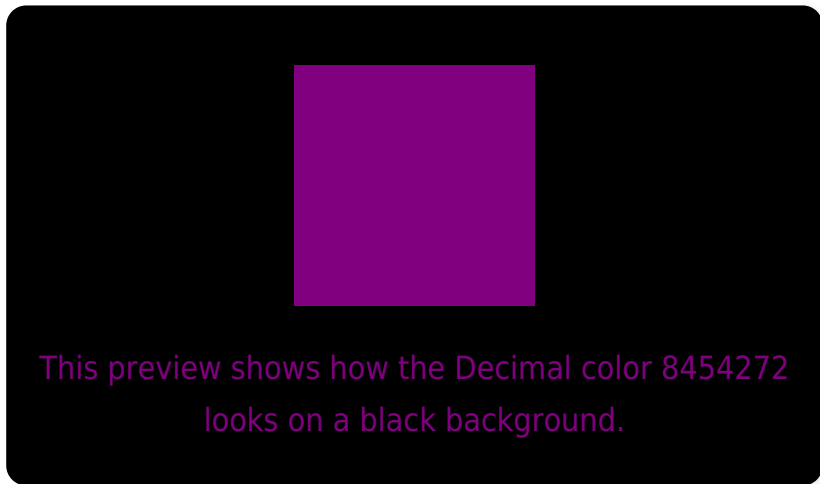
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

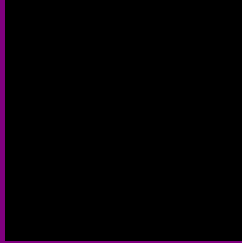
Any Text WCAG AA × Fail

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 8454272 Background



This preview shows how black text looks on a background with the Decimal color 8454272.



This preview shows how white text looks on a background with the Decimal color 8454272.

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
7942710

Trichromacy



Original Color
8454272

Protanomaly
3091855

Deuteranomaly
4992891

Tritanomaly
8134737

Monochromacy



Original Color
8454272

Achromatopsia
3487029

Achromatomaly
5317200

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8454272 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 #810080 looks like.

```
.text, #text, p{  
    color:#810080  
}
```

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 #810080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #810080
}
```

Border

The CSS property to change the border of an element to Decimal 8454272 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
#810080 }
```

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

```
.border{ border-color:#810080 }
```

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

Here you see how a box with a 4 pixel #810080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #810080; -webkit-box-shadow:4px 4px  
4px 4px #810080; box-shadow:4px 4px 4px  
4px #810080 }
```

Background

The CSS property to change the background color of an element to Decimal 8454272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#810080 }
```

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

```
.background{ background-color:#810080 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor