

Converting Colors

Decimal(8136572)

Have a look what the booklet for
Decimal(8136572) contains.

Decimal(8136572)	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(8136572)

Conversions

Conversions Part 1

Format	Color
Hex	7C277C
RGB	124, 39, 124
RGB Percent	49%, 15%, 49%
CMY	0.5137, 0.8471, 0.5137
CMYK	0.00, 0.69, 0.00, 0.51
HSL	300°, 52%, 32%
HSV	300°, 69%, 49%
XYZ	12.6758, 7.1914, 19.7888
YIQ	74.1050, 23.3750, 44.4550

Conversions

Conversions Part 2

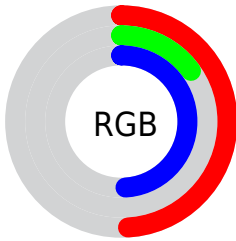
Format	Color
RYB	124, 39, 124
Decimal	8136572
CIELab	32.24, 47.53, -30.12
CIElCh	32, 56.269, 327.640
Yxy	7.1914, 0.3196, 0.1813
Android (android.graphics.Color)	4286326652 (0xFF7C277C)
YUV	74.1050, 24.5982, 43.7579
Hunter-Lab	26.8167, 37.4446, -24.9800

Details

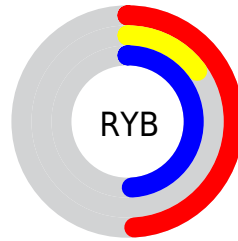
The Decimal color **8136572** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2587687**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **11754673**, and **4718667** is the 20% darker color. If you saturate the color by 10%, you get **8133500**, and if you desaturate by 10%, it is **8139644**.

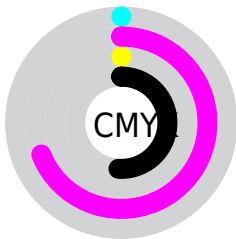
Distribution



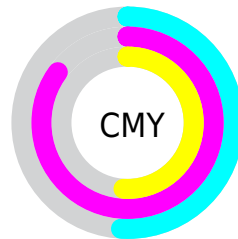
- Red (49%)
- Green (15%)
- Blue (49%)



- Red (49%)
- Yellow (15%)
- Blue (49%)



- Cyan (0%)
- Magenta (69%)
- Yellow (0%)
- Black (51%)



- Cyan (51%)
- Magenta (85%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8136572 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 8136572 by changing the saturation by 10% instead.

 8136572

 8136572

16777215

 6358371

 11754673

 4718667

 13596365

 3145780

 15503849

 1048606

 16755967

 0

 16763135

 16770559

 8136572

 8136572

 8133500

 8139644

■ 8130172

■ 8142972

■ 8127100

■ 8146044

■ 8126588

■ 8149372

■ 8152444

■ 8155516

■ 8158844

■ 8161916

■ 8165244

Harmonies

Analogous

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



3949211



8136572



9767249

Triad

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



8136572



6375680



24180

Complementary

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



8136572



2587687

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.



24135



8136572



3495168

Square

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



8136572



8467712



23319



23703

Rectangle

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



8136572



9899828



23319



24422

Sweetspot

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



8136572



10583969



2566012



5389650



13750737



5395026

Same Dimension

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



8136572



10558881



8136530



4011837



8192125



16515324

Inverse Universe

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



8136572



10558881



2587730



4011837



8192125



16515324

Previews

White Background



This preview shows how the Decimal color 8136572 looks on a white background.

Color Contrast Check

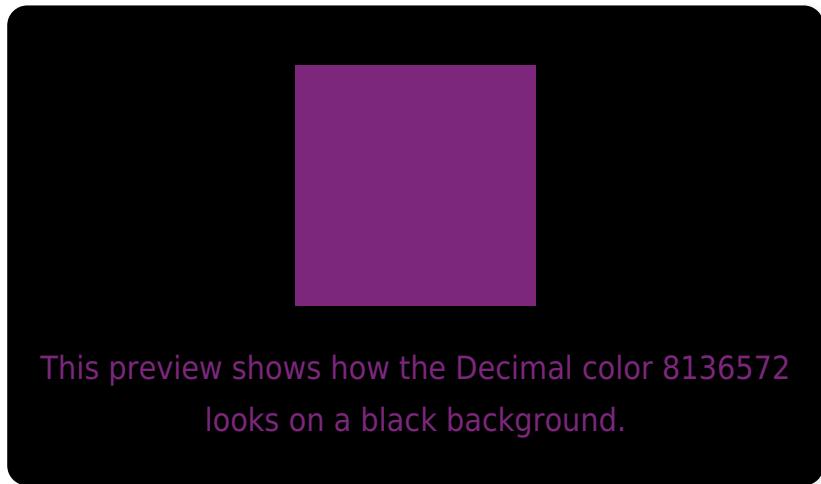
Large Text (above 18pt) WCAG AA ✓ Pass

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

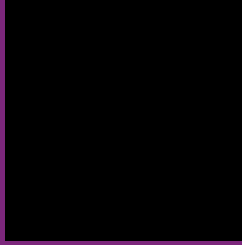
Any Text WCAG AA × Fail

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 8136572 Background



This preview shows how black text looks on a background with the Decimal color 8136572.



This preview shows how white text looks on a background with the Decimal color 8136572.

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
8136572



Protanomaly
3423633



Deuteranomaly
5324664



Tritanomaly
7877717

Monochromacy



Original Color
8136572



Achromatopsia
4868682



Achromatomaly
6045020

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8136572 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 #7C277C looks like.

```
.text, #text, p{  
    color:#7C277C  
}
```

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 #7C277C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C277C
}
```

Border

The CSS property to change the border of an element to Decimal 8136572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

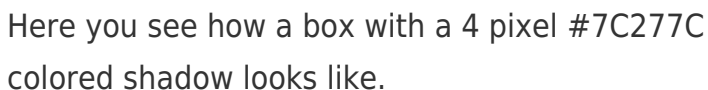
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C277C }
```

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

```
.border{ border-color:#7C277C }
```

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



Here you see how a box with a 4 pixel #7C277C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C277C; -webkit-box-shadow:4px 4px  
4px 4px #7C277C; box-shadow:4px 4px 4px  
4px #7C277C }
```

Background

The CSS property to change the background color of an element to Decimal 8136572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C277C }
```

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

```
.background{ background-color:#7C277C }
```

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