

Converting Colors

Decimal(8519737)

Have a look what the booklet for
Decimal(8519737) contains.

Decimal(8519737)	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(8519737)

Conversions

Conversions Part 1

Format	Color
Hex	820039
RGB	130, 0, 57
RGB Percent	51%, 0%, 22%
CMY	0.4902, 1.0000, 0.7765
CMYK	0.00, 1.00, 0.56, 0.49
HSL	334°, 100%, 25%
HSV	334°, 100%, 51%
XYZ	9.9444, 5.0412, 4.3198
YIQ	45.3680, 59.1830, 45.2870

Conversions

Conversions Part 2

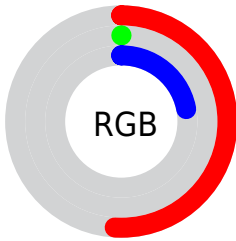
Format	Color
R_{YB}	130, 0, 57
Decimal	8519737
CIE Lab	26.85, 50.90, 5.67
CIE LCh	27, 51.213, 6.356
Yxy	5.0412, 0.5151, 0.2611
Android (android.graphics.Color)	4286709817 (0xFF820039)
YUV	45.3680, 5.7346, 74.2223
Hunter-Lab	22.4527, 39.7666, 4.3097

Details

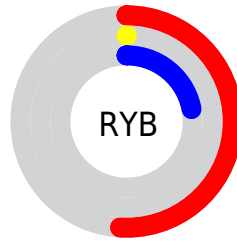
The Decimal color **8519737** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **33353**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **12338536**, and **4849678** is the 20% darker color. If you saturate the color by 10%, you get **8519737**, and if you desaturate by 10%, it is **8523072**.

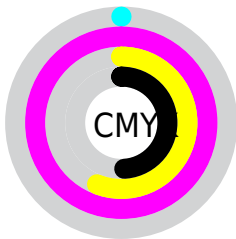
Distribution



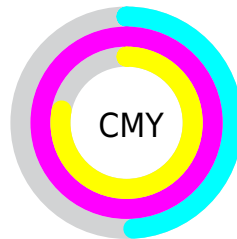
- Red (51%)
- Green (0%)
- Blue (22%)



- Red (51%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8519737 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 8519737 by changing the saturation by 10% instead.

 8519737

 8519737

16777215

 6684708

 12338536

 4849678

 14311553

 3145730

 16284571

 0

 16750261

 16757457

 16764909

 16772351

 8519737

■ 8523072

■ 8526408

■ 8529743

■ 8533078

■ 8536414

■ 8539749

■ 8543084

■ 8546419

■ 8549755

Harmonies

Analogous

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



7542368



8519737



8133139

Triad

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



8519737



1853952



19592

Complementary

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



8519737



33353

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.



20589



8519737



19998

Square

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



8519737



4735232



20551



17038

Rectangle

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



8519737



7285248



20551



20097

Sweetspot

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



8519737



11040396



4653186



5518915



13948116



5526612

Same Dimension

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



8519737



11010122



8521472



4208956



8388664



0

Inverse Universe

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



8519737



11010122



31874



4208956



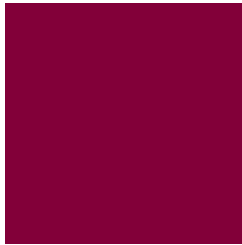
8388664



0

Previews

White Background



This preview shows how the Decimal color 8519737 looks on a white background.

Color Contrast Check

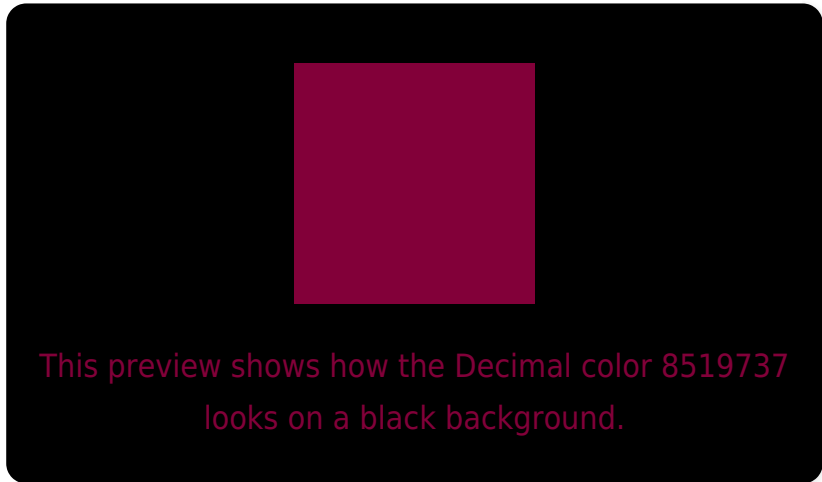
Large Text (above 18pt) WCAG AA ✓ Pass

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 8519737 Background



This preview shows how black text looks on a background with the Decimal color 8519737.

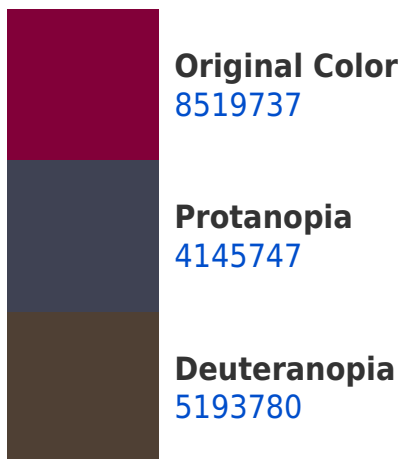


This preview shows how white text looks on a background with the Decimal color 8519737.

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
8519737

Protanomaly
5712458

Deuteranomaly
6433078

Tritanomaly
8458019

Monochromacy



Original Color
8519737

Achromatopsia
2960685

Achromatomaly
4988209

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8519737 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 #820039 looks like.

```
.text, #text, p{  
    color:#820039  
}
```

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 #820039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820039
}
```

Border

The CSS property to change the border of an element to Decimal 8519737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

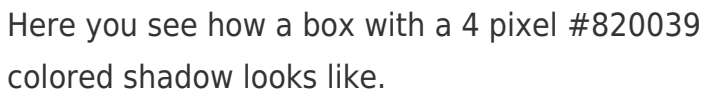
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#820039 }
```

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

```
.border{ border-color:#820039 }
```

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



Here you see how a box with a 4 pixel #820039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820039; -webkit-box-shadow:4px 4px  
4px 4px #820039; box-shadow:4px 4px 4px  
4px #820039 }
```

Background

The CSS property to change the background color of an element to Decimal 8519737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820039 }
```

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

```
.background{ background-color:#820039 }
```

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