

Converting Colors

Decimal(8126521)

Have a look what the booklet for
Decimal(8126521) contains.

Decimal(8126521)	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(8126521)

Conversions

Conversions Part 1

Format	Color
Hex	7C0039
RGB	124, 0, 57
RGB Percent	49%, 0%, 22%
CMY	0.5137, 1.0000, 0.7765
CMYK	0.00, 1.00, 0.54, 0.51
HSL	332°, 100%, 24%
HSV	332°, 100%, 49%
XYZ	9.0507, 4.5805, 4.2780
YIQ	43.5740, 55.6070, 44.0150

Conversions

Conversions Part 2

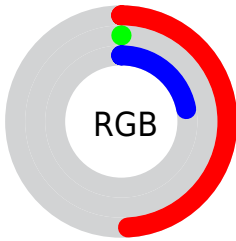
Format	Color
R_{YB}	124, 0, 57
Decimal	8126521
CIE _{Lab}	25.50, 49.43, 3.57
CIE _{LCh}	26, 49.554, 4.129
Yxy	4.5805, 0.5054, 0.2558
Android (android.graphics.Color)	4286316601 (0xFF7C0039)
YUV	43.5740, 6.6190, 70.5336
Hunter-Lab	21.4021, 38.0320, 3.1302

Details

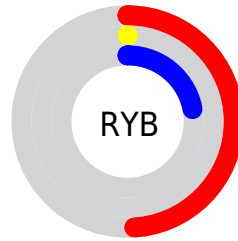
The Decimal color **8126521** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **31811**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **11879272**, and **4521998** is the 20% darker color. If you saturate the color by 10%, you get **8126521**, and if you desaturate by 10%, it is **8129600**.

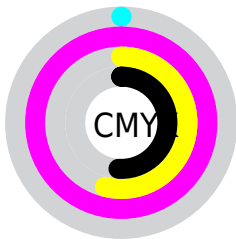
Distribution



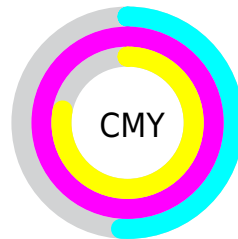
- Red (49%)
- Green (0%)
- Blue (22%)



- Red (49%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8126521 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 8126521 by changing the saturation by 10% instead.

 8126521

 8126521

16777215

 6291492

 11879272

 4521998

 13852289

 2818049

 15825307

 0

 16749749

 16756945

 16764141

 16771583

 8126521

■ 8129600

■ 8132934

■ 8136013

■ 8139348

■ 8142426

■ 8145505

■ 8148840

■ 8151919

■ 8155253

Harmonies

Analogous

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



7083614



8126521



7804436

Triad

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



8126521



2049536



18817

Complementary

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



8126521



31811

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.



19558



8126521



18969

Square

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



8126521



4668672



19521



16520

Rectangle

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



8126521



7087616



19521



19065

Sweetspot

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



8126521



10580103



4325500



5387330



13750737



5395026

Same Dimension

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



8126521



10551370



8127488



4011834



8192057



16515188

Inverse Universe

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



8126521



10551370



30844



4011834



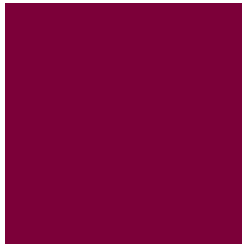
8192057



16515188

Previews

White Background



This preview shows how the Decimal color 8126521 looks on a white background.

Color Contrast Check

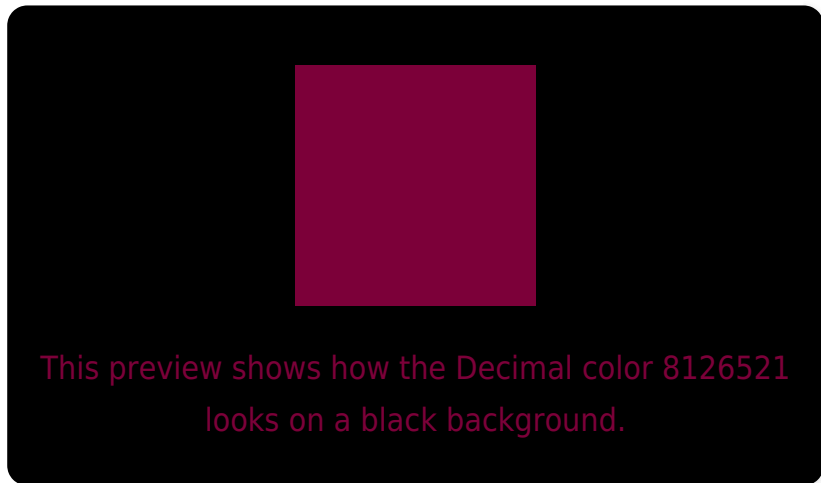
Large Text (above 18pt) WCAG AA ✓ Pass

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

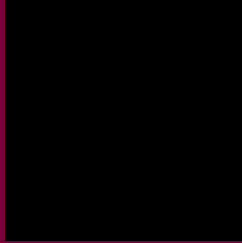
Any Text WCAG AA × Fail

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 8126521 Background



This preview shows how black text looks on a background with the Decimal color 8126521.



This preview shows how white text looks on a background with the Decimal color 8126521.

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



Original Color
8126521

Protanopia
3882835

Deuteranopia
4931124

Trichromacy



Original Color
8126521

Protanomaly
5449802

Deuteranomaly
6104886

Tritanomaly
8064803

Monochromacy



Original Color
8126521

Achromatopsia
2894892

Achromatomaly
4791345

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8126521 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 #7C0039 looks like.

```
.text, #text, p{  
    color:#7C0039  
}
```

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 #7C0039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C0039
}
```

Border

The CSS property to change the border of an element to Decimal 8126521 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
#7C0039 }
```

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

```
.border{ border-color:#7C0039 }
```

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

Here you see how a box with a 4 pixel #7C0039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C0039; -webkit-box-shadow:4px 4px  
4px 4px #7C0039; box-shadow:4px 4px 4px  
4px #7C0039 }
```

Background

The CSS property to change the background color of an element to Decimal 8126521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C0039 }
```

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

```
.background{ background-color:#7C0039 }
```

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