

Converting Colors

Decimal(8209829)

Have a look what the booklet for
Decimal(8209829) contains.

Decimal(8209829)	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(8209829)

Conversions

Conversions Part 1

Format	Color
Hex	7D45A5
RGB	125, 69, 165
RGB Percent	49%, 27%, 65%
CMY	0.5098, 0.7294, 0.3529
CMYK	0.24, 0.58, 0.00, 0.35
HSL	275°, 41%, 46%
HSV	275°, 58%, 65%
XYZ	17.3771, 11.3328, 36.8689
YIQ	96.6880, 2.5600, 41.7280

Conversions

Conversions Part 2

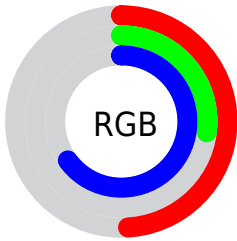
Format	Color
R_{YB}	125, 69, 165
Decimal	8209829
CIE _{Lab}	40.14, 41.82, -42.61
CIE _{LCh}	40, 59.705, 314.459
Yxy	11.3328, 0.2650, 0.1728
Android (android.graphics.Color)	4286399909 (0xFF7D45A5)
YUV	96.6880, 33.6778, 24.8296
Hunter-Lab	33.6643, 33.2271, -41.3690

Details

The Decimal color **8209829** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7185733**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **11827421**, and **4723568** is the 20% darker color. If you saturate the color by 10%, you get **7746725**, and if you desaturate by 10%, it is **8672677**.

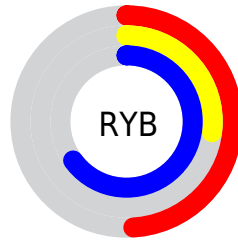
Distribution



Red (49%)

Green (27%)

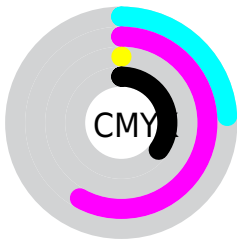
Blue (65%)



Red (49%)

Yellow (27%)

Blue (65%)

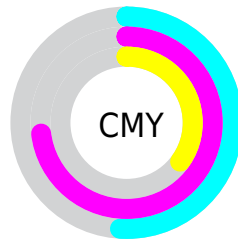


Cyan (24%)

Magenta (58%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (73%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8209829 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 8209829 by changing the saturation by 10% instead.



8209829



8209829

16777215



6433930



11827421



4723568



13669113



3014743



15576575



1704000



16763391



808



16770815



274



0



8209829



8209829



7746725



8672677

7283877

9135781

6820773

9598629

6357925

9996197

6291621

10459045

10922149

11384997

11848101

12310949

Harmonies

Analogous

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



23998



8209829



11020922

Triad

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



8209829



8934144



29814

Complementary

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



8209829



7185733

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.



29251



8209829



6120448

Square

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



8209829



10894106



1928458



29346

Rectangle

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



8209829



11673945



1928458



29797

Sweetspot

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



8209829



13087446



4550053



6444651



15461355



7039851

Same Dimension

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



8209829



9978070



10831261



5130578



5570705



655378

Inverse Universe

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



10831213



14041215



4564301



5392717



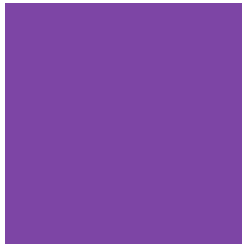
9502781



1179655

Previews

White Background



This preview shows how the Decimal color 8209829 looks on a white background.

Color Contrast Check

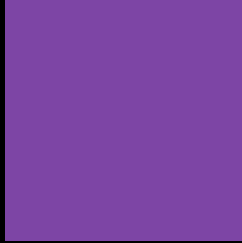
Large Text (above 18pt) WCAG AA ✓ Pass

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 8209829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

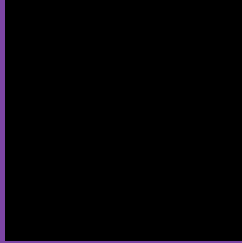
Any Text WCAG AA × Fail

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 8209829 Background



This preview shows how black text looks on a background with the Decimal color 8209829.




This preview shows how white text looks on a background with the Decimal color 8209829.

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
7428191

Trichromacy



Original Color
8209829

Protanomaly
4347060

Deuteranomaly
5068450

Tritanomaly
7688568

Monochromacy



Original Color
8209829

Achromatopsia
6381921

Achromatomaly
7034746

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8209829 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 #7D45A5 looks like.

```
.text, #text, p{  
    color:#7D45A5  
}
```

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 #7D45A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D45A5
}
```

Border

The CSS property to change the border of an element to Decimal 8209829 is called "border". The border property can be set on classes, ids or directly on the HTML element.

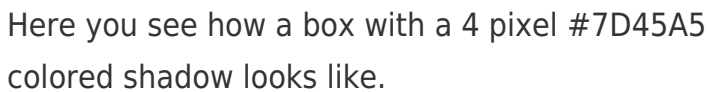
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D45A5 }
```

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

```
.border{ border-color:#7D45A5 }
```

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



Here you see how a box with a 4 pixel #7D45A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D45A5; -webkit-box-shadow:4px 4px  
4px 4px #7D45A5; box-shadow:4px 4px 4px  
4px #7D45A5 }
```

Background

The CSS property to change the background color of an element to Decimal 8209829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D45A5 }
```

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

```
.background{ background-color:#7D45A5 }
```

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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