

Converting Colors

Decimal(8221629)

Have a look what the booklet for
Decimal(8221629) contains.

Decimal(8221629)	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(8221629)

Conversions

Conversions Part 1

Format	Color
Hex	7D73BD
RGB	125, 115, 189
RGB Percent	49%, 45%, 74%
CMY	0.5098, 0.5490, 0.2588
CMYK	0.34, 0.39, 0.00, 0.26
HSL	248°, 36%, 60%
HSV	248°, 39%, 74%
XYZ	23.7735, 20.2956, 50.8085
YIQ	126.4260, -17.7940, 25.1340

Conversions

Conversions Part 2

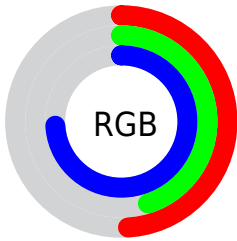
Format	Color
R_{YB}	125, 115, 189
Decimal	8221629
CIE _{Lab}	52.17, 21.20, -37.59
CIE _{LCh}	52, 43.158, 299.416
Yxy	20.2956, 0.2506, 0.2139
Android (android.graphics.Color)	4286411709 (0xFF7D73BD)
YUV	126.4260, 30.8490, -1.2506
Hunter-Lab	45.0506, 15.3570, -35.3325

Details

The Decimal color **8221629** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11779443**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **11839478**, and **4801415** is the 20% darker color. If you saturate the color by 10%, you get **7168189**, and if you desaturate by 10%, it is **9275069**.

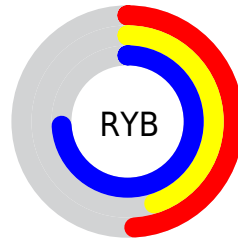
Distribution



Red (49%)

Green (45%)

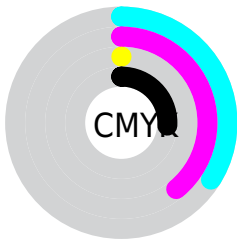
Blue (74%)



Red (49%)

Yellow (45%)

Blue (74%)

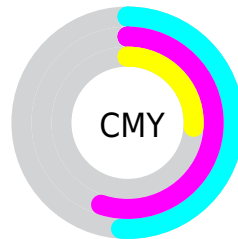


Cyan (34%)

Magenta (39%)

Yellow (0%)

Black (26%)



Cyan (51%)

Magenta (55%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8221629 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 8221629 by changing the saturation by 10% instead.

■ 8221629

■ 8221629

16777215

■ 6511266

■ 11839478

■ 4801415

■ 13681407

■ 3091822

■ 15589119

■ 1185877

■ 16776191

■ 61

■ 807

■ 272

■ 0

■ 8221629

■ 8221629

7168189

9275069

6049213

10394045

4995773

11447485

3942333

12500925

2823357

13619901

1770173

14673085

1704125

15726525

16777149

Harmonies

Analogous

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



3113414



8221629



11101603

Triad

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



8221629



11496765



36730

Complementary

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



8221629



11779443

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.



3968085



8221629



9599535

Square

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



8221629



12607578



7177529



36512

Rectangle

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



8221629



12213899



7177529



36462

Sweetspot

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



8221629



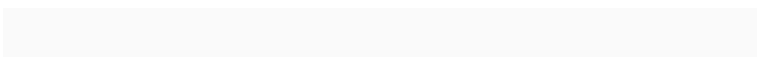
14407669



7582653



7104890



16448250



8026746

Same Dimension

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



8221629



9536245



10646461



5657950



1376414



262175

Inverse Universe

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



12415923



16089829



9354611



6182237



10354825



2031642

Previews

White Background



This preview shows how the Decimal color 8221629 looks on a white 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

Black Background



This preview shows how the Decimal color 8221629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

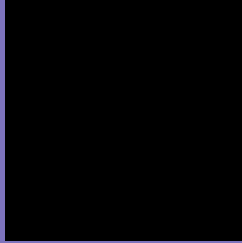
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 8221629 Background



This preview shows how black text looks on a background with the Decimal color 8221629.

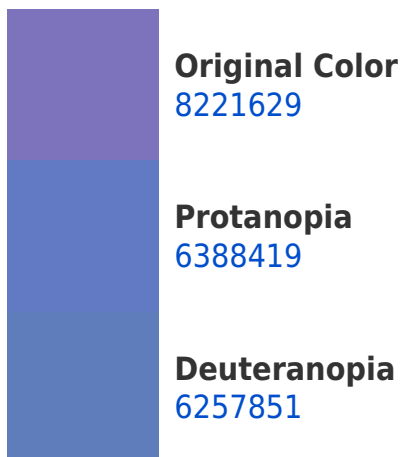


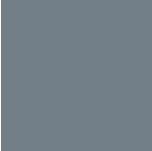
This preview shows how white text looks on a background with the Decimal color 8221629.

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
7503496

Trichromacy



Original Color
8221629

Protanomaly
7043009

Deuteranomaly
6977980

Tritanomaly
7764635

Monochromacy



Original Color
8221629

Achromatopsia
8289918

Achromatomaly
8288917

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8221629 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 #7D73BD looks like.

```
.text, #text, p{  
    color:#7D73BD  
}
```

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 #7D73BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D73BD
}
```

Border

The CSS property to change the border of an element to Decimal 8221629 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
#7D73BD }
```

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

```
.border{ border-color:#7D73BD }
```

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

Here you see how a box with a 4 pixel #7D73BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D73BD; -webkit-box-shadow:4px 4px  
4px 4px #7D73BD; box-shadow:4px 4px 4px  
4px #7D73BD }
```

Background

The CSS property to change the background color of an element to Decimal 8221629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D73BD }
```

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

```
.background{ background-color:#7D73BD }
```

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