

Converting Colors

Decimal(7808420)

Have a look what the booklet for
Decimal(7808420) contains.

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Color

Decimal(7808420)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 7725A4 |
| RGB | 119, 37, 164 |
| RGB Percent | 47%, 15%, 64% |
| CMY | 0.5333, 0.8549, 0.3569 |
| CMYK | 0.27, 0.77, 0.00, 0.36 |
| HSL | 279°, 63%, 39% |
| HSV | 279°, 77%, 64% |
| XYZ | 14.9702, 7.9254, 35.8627 |
| YIQ | 75.9960, 8.1050, 56.8810 |

Conversions

Conversions Part 2

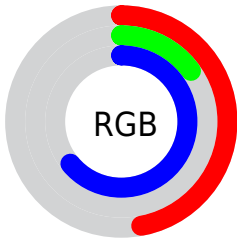
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 119, 37, 164 |
| Decimal | 7808420 |
| CIE _{Lab} | 33.83, 55.25, -52.21 |
| CIE _{LCh} | 34, 76.017, 316.620 |
| Yxy | 7.9254, 0.2548, 0.1349 |
| Android (android.graphics.Color) | 4285998500 (0xFF7725A4) |
| YUV | 75.9960, 43.3860, 37.7145 |
| Hunter-Lab | 28.1521, 45.6529, -55.8225 |

Details

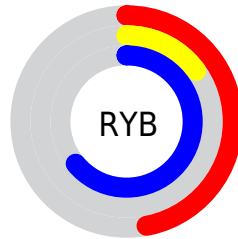
The Decimal color **7808420** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5415973**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **11492316**, and **4194415** is the 20% darker color. If you saturate the color by 10%, you get **7411108**, and if you desaturate by 10%, it is **8205732**.

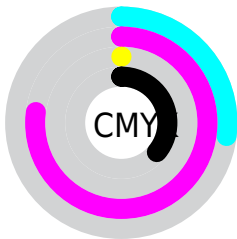
Distribution



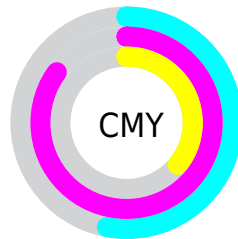
- Red (47%)
- Green (15%)
- Blue (64%)



- Red (47%)
- Yellow (15%)
- Blue (64%)



- Cyan (27%)
- Magenta (77%)
- Yellow (0%)
- Black (36%)



- Cyan (53%)
- Magenta (85%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7808420 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 7808420 by changing the saturation by 10% instead.

7808420

7808420

16777215

6029449

11492316

4194415

13399801

2424918

15307263

65598

16756223

807

16763391

272

16770815

0

7808420

7808420

7411108

8205732

7013540

8603300

6946980

8935076

9332644

9729956

10127268

10524836

10856612

11254180

Harmonies

Analogous

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



19910



7808420



11075693

Triad

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



7808420



7881472



26481

Complementary

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



7808420



5415973

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.



25905



7808420



4413184

Square

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



7808420



10426112



24832



26280

Rectangle

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



7808420



11731013



24832



26204

Sweetspot

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



7808420



12953046



2446500



6311275



15461355



7039851

Same Dimension

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



7808420



9441238



10757523



5196114



6160529



786450

Inverse Universe

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



10757458



14028630



2466870



5392716



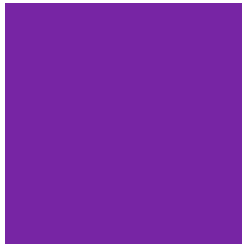
9502772



1179654

Previews

White Background



This preview shows how the Decimal color 7808420 looks on a white background.

Color Contrast Check

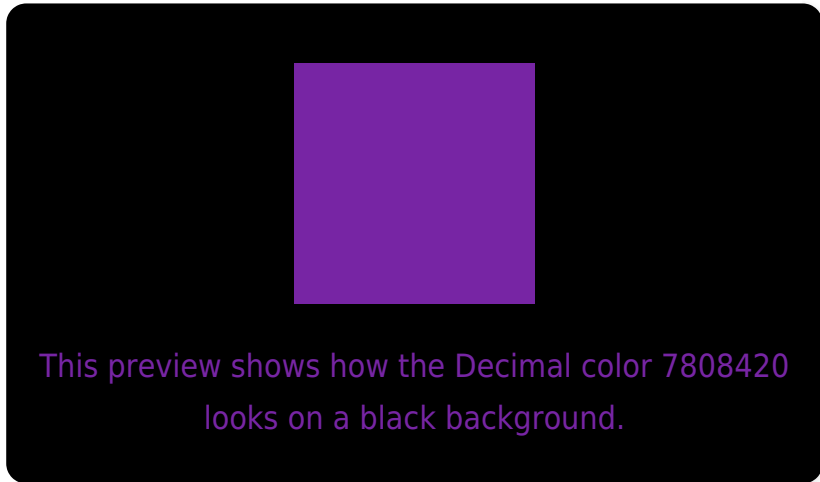
Large Text (above 18pt) WCAG AA ✓ Pass

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

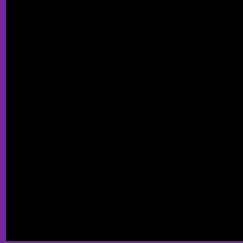
Any Text WCAG AA × Fail

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 7808420 Background



This preview shows how black text looks on a background with the Decimal color 7808420.




This preview shows how white text looks on a background with the Decimal color 7808420.

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
6833996

Trichromacy



Original Color

7808420



Protanomaly

2834340



Deuteranomaly

2835095



Tritanomaly

7158636

Monochromacy



Original Color

7808420



Achromatopsia

5000268



Achromatomaly

6045292

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7808420 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 #7725A4 looks like.

```
.text, #text, p{  
    color:#7725A4  
}
```

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 #7725A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7725A4
}
```

Border

The CSS property to change the border of an element to Decimal 7808420 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
#7725A4 }
```

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

```
.border{ border-color:#7725A4 }
```

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

Here you see how a box with a 4 pixel #7725A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7725A4; -webkit-box-shadow:4px 4px  
4px 4px #7725A4; box-shadow:4px 4px 4px  
4px #7725A4 }
```

Background

The CSS property to change the background color of an element to Decimal 7808420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7725A4 }
```

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

```
.background{ background-color:#7725A4 }
```

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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