

Converting Colors

Decimal(8078013)

Have a look what the booklet for
Decimal(8078013) contains.

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Color

Decimal(8078013)

Conversions

Conversions Part 1

Format	Color
Hex	7B42BD
RGB	123, 66, 189
RGB Percent	48%, 26%, 74%
CMY	0.5176, 0.7412, 0.2588
CMYK	0.35, 0.65, 0.00, 0.26
HSL	268°, 48%, 50%
HSV	268°, 65%, 74%
XYZ	19.3019, 11.7815, 49.4008
YIQ	97.0650, -5.5110, 50.3370

Conversions

Conversions Part 2

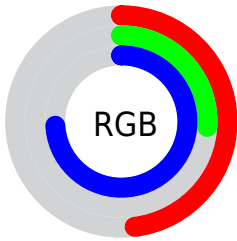
Format	Color
R_{YB}	123, 66, 189
Decimal	8078013
CIE _{Lab}	40.87, 48.78, -55.64
CIE _{LCh}	41, 73.991, 311.243
Yxy	11.7815, 0.2398, 0.1464
Android (android.graphics.Color)	4286268093 (0xFF7B42BD)
YUV	97.0650, 45.3240, 22.7450
Hunter-Lab	34.3242, 40.3105, -61.3058

Details

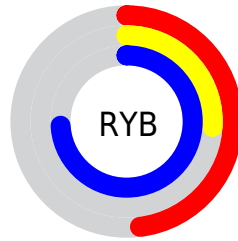
The Decimal color **8078013** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8699202**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **11826678**, and **4394119** is the 20% darker color. If you saturate the color by 10%, you get **7417789**, and if you desaturate by 10%, it is **8738237**.

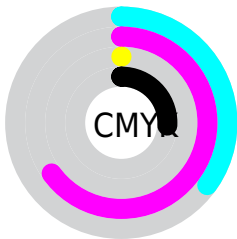
Distribution



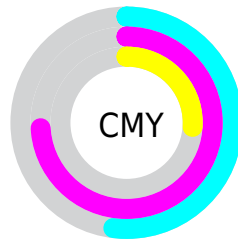
- Red (48%)
- Green (26%)
- Blue (74%)



- Red (48%)
- Yellow (26%)
- Blue (74%)



- Cyan (35%)
- Magenta (65%)
- Yellow (0%)
- Black (26%)



- Cyan (52%)
- Magenta (74%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8078013 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 8078013 by changing the saturation by 10% instead.

■ 8078013

■ 8078013

16777215

■ 6236577

■ 11826678

■ 4394119

■ 13668607

■ 2424941

■ 15641599

■ 327764

■ 16762879

■ 59

■ 16770047

■ 549

■ 269

■ 0

■ 8078013

■ 8078013

■ 7417789

■ 8738237

■ 6757565

■ 9398461

■ 6097341

■ 10058685

■ 5767357

■ 10784445

■ 11444669

■ 12104637

■ 12764861

■ 13425085

■ 14085309

Harmonies

Analogous

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



25050



8078013



11928201

Triad

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



8078013



9719552



31095

Complementary

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



8078013



8699202

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.



30518



8078013



6448384

Square

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



8078013



12068879



94464



30896

Rectangle

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



8078013



12910689



94464



31073

Sweetspot

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



8078013



14402805



4359869



7036282



16448250



8026746

Same Dimension

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



8078013



9320181



12010173



5854558



4784286



917535

Inverse Universe

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



12403332



16070300



4767042



6182234



10354773



2031632

Previews

White Background



This preview shows how the Decimal color 8078013 looks on a white background.

Color Contrast Check

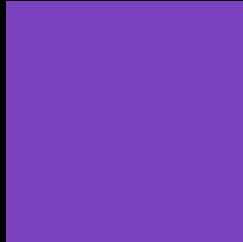
Large Text (above 18pt) WCAG AA ✓ Pass

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 8078013 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 8078013 Background



This preview shows how black text looks on a background with the Decimal color 8078013.

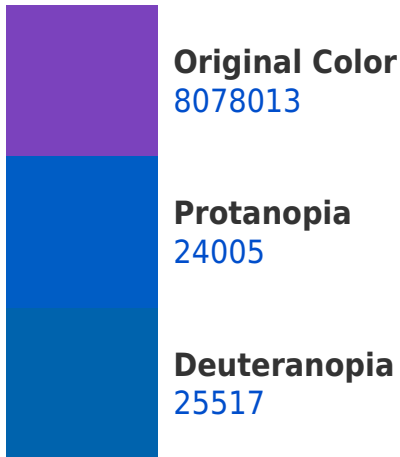



This preview shows how white text looks on a background with the Decimal color 8078013.

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



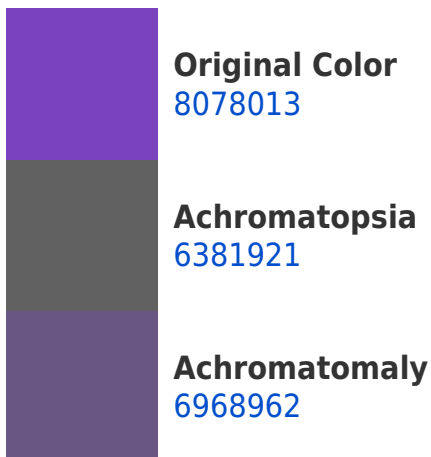


Tritanopia
6905188

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8078013 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 #7B42BD looks like.

```
.text, #text, p{  
    color:#7B42BD  
}
```

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 #7B42BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B42BD
}
```

Border

The CSS property to change the border of an element to Decimal 8078013 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".

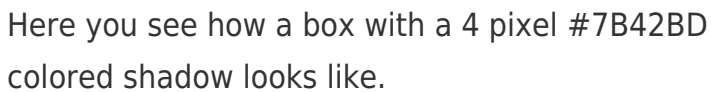
```
.border, #border, table{ border:4px solid
#7B42BD }
```

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

```
.border{ border-color:#7B42BD }
```

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

Here you see how a box with a 4 pixel #7B42BD colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B42BD; -webkit-box-shadow:4px 4px  
4px 4px #7B42BD; box-shadow:4px 4px 4px  
4px #7B42BD }
```

Background

The CSS property to change the background color of an element to Decimal 8078013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B42BD }
```

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

```
.background{ background-color:#7B42BD }
```

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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