

Converting Colors

Decimal(7678941)

Have a look what the booklet for
Decimal(7678941) contains.

Decimal(7678941)	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(7678941)

Conversions

Conversions Part 1

Format	Color
Hex	752BDD
RGB	117, 43, 221
RGB Percent	46%, 17%, 87%
CMY	0.5412, 0.8314, 0.1333
CMYK	0.47, 0.81, 0.00, 0.13
HSL	265°, 72%, 52%
HSV	265°, 81%, 87%
XYZ	21.2511, 10.7301, 69.3577
YIQ	85.4180, -13.0340, 71.0460

Conversions

Conversions Part 2

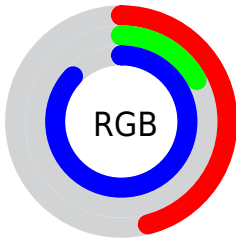
Format	Color
RYB	117, 43, 221
Decimal	7678941
CIELab	39.12, 65.88, -77.05
CIELCh	39, 101.369, 310.531
Yxy	10.7301, 0.2097, 0.1059
Android (android.graphics.Color)	4285869021 (0xFF752BDD)
YUV	85.4180, 66.8419, 27.6974
Hunter-Lab	32.7569, 58.4781, -102.6078

Details

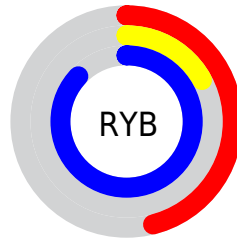
The Decimal color **7678941** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **9690411**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **11625215**, and **3342500** is the 20% darker color. If you saturate the color by 10%, you get **6821341**, and if you desaturate by 10%, it is **8536541**.

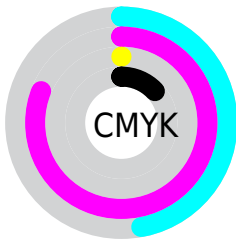
Distribution



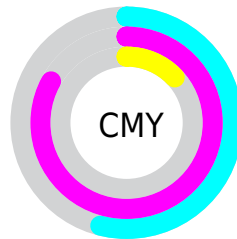
- Red (46%)
- Green (17%)
- Blue (87%)



- Red (46%)
- Yellow (17%)
- Blue (87%)



- Cyan (47%)
- Magenta (81%)
- Yellow (0%)
- Black (13%)



- Cyan (54%)
- Magenta (83%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7678941 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 7678941 by changing the saturation by 10% instead.

7678941

7678941

16777215

5637312

11625215

3342500

13663999

137

15636991

111

16758271

85

16765695

1597

16773119

806

271

0

■ 7678941

■ 7678941

■ 6821341

■ 8536541

■ 6029533

■ 9394141

■ 10251741

■ 11109341

■ 11967197

■ 12759261

■ 13616861

■ 14474461

■ 15332061

Harmonies

Analogous

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



25087



7678941



13369493

Triad

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



7678941



10174976



31097

Complementary

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



7678941



9690411

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.



30237



7678941



5661440

Square

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



7678941



13369344



28928



31432

Rectangle

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



7678941



14614623



28928



30812

Sweetspot

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



7678941



14402303



2856669



6970240



0



8421504

Same Dimension

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



7678941



7211263



13315037



6775662



4718765



1245230

Inverse Universe

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



14494611



16713880



4054315



7234409



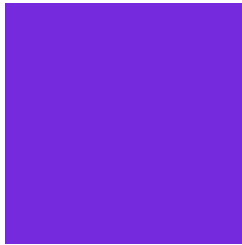
11337829



3014683

Previews

White Background



This preview shows how the Decimal color 7678941 looks on a white background.

Color Contrast Check

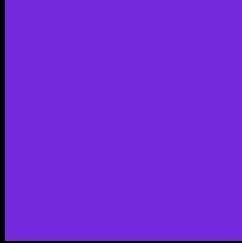
Large Text (above 18pt) WCAG AA ✓ Pass

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 7678941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

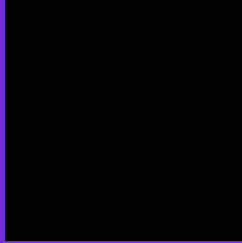
Any Text WCAG AA × Fail

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 7678941 Background



This preview shows how black text looks on a background with the Decimal color 7678941.




This preview shows how white text looks on a background with the Decimal color 7678941.

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
5660004

Trichromacy



Original Color

7678941



Protanomaly

2836679



Deuteranomaly

2837687



Tritanomaly

6376336

Monochromacy



Original Color

7678941



Achromatopsia

5592405



Achromatomaly

6375046

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7678941 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 #752BDD looks like.

```
.text, #text, p{  
    color:#752BDD  
}
```

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 #752BDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #752BDD
}
```

Border

The CSS property to change the border of an element to Decimal 7678941 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
#752BDD }
```

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

```
.border{ border-color:#752BDD }
```

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

Here you see how a box with a 4 pixel #752BDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #752BDD; -webkit-box-shadow:4px 4px  
4px 4px #752BDD; box-shadow:4px 4px 4px  
4px #752BDD }
```

Background

The CSS property to change the background color of an element to Decimal 7678941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#752BDD }
```

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

```
.background{ background-color:#752BDD }
```

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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