

Converting Colors

Decimal(7021761)

Have a look what the booklet for
Decimal(7021761) contains.

Decimal(7021761)	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(7021761)

Conversions

Conversions Part 1

Format	Color
Hex	6B24C1
RGB	107, 36, 193
RGB Percent	42%, 14%, 76%
CMY	0.5804, 0.8588, 0.2431
CMYK	0.45, 0.81, 0.00, 0.24
HSL	267°, 69%, 45%
HSV	267°, 81%, 76%
XYZ	16.3199, 8.2378, 51.1820
YIQ	75.1270, -8.0810, 63.8790

Conversions

Conversions Part 2

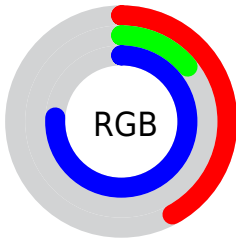
Format	Color
R_{YB}	107, 36, 193
Decimal	7021761
CIE _{Lab}	34.47, 60.35, -68.48
CIE _{LCh}	34, 91.279, 311.386
Yxy	8.2378, 0.2155, 0.1088
Android (android.graphics.Color)	4285211841 (0xFF6B24C1)
YUV	75.1270, 58.1114, 27.9526
Hunter-Lab	28.7016, 51.2686, -85.6375

Details

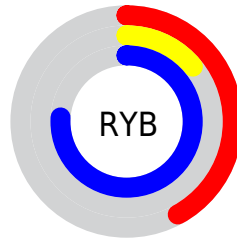
The Decimal color **7021761** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **8044836**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **10902523**, and **2883722** is the 20% darker color. If you saturate the color by 10%, you get **6296001**, and if you desaturate by 10%, it is **7747521**.

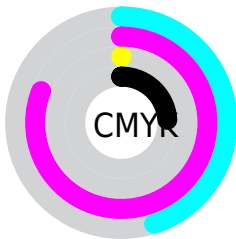
Distribution



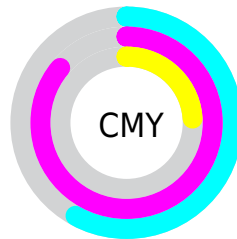
- Red (42%)
- Green (14%)
- Blue (76%)



- Red (42%)
- Yellow (14%)
- Blue (76%)



- Cyan (45%)
- Magenta (81%)
- Yellow (0%)
- Black (24%)



- Cyan (58%)
- Magenta (86%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7021761 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 7021761 by changing the saturation by 10% instead.

7021761

7021761

16777215

5046437

10902523

2883722

12809727

112

14782975

86

16755967

1598

16763135

807

16770559

272

0

7021761

7021761

■ 6296001

■ 7747521

■ 5701825

■ 8408001

■ 9133761

■ 9793985

■ 10519745

■ 11180225

■ 11905985

■ 12631745

■ 13292225

Harmonies

Analogous

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



21733



7021761



11862145

Triad

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



7021761



8862464



27500

Complementary

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



7021761



8044836

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.



26653



7021761



4871936

Square

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



7021761



11730944



25344



27570

Rectangle

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



7021761



12910674



25344



27219

Sweetspot

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



7021761



14270202



2390721



6904189



16579836



8224125

Same Dimension

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



7021761



7603706



12133569



6051681



4784289



983073

Inverse Universe

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



12657786



16385419



2933028



6379357



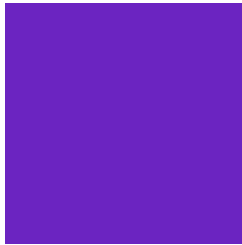
10551384



2162706

Previews

White Background



This preview shows how the Decimal color 7021761 looks on a white background.

Color Contrast Check

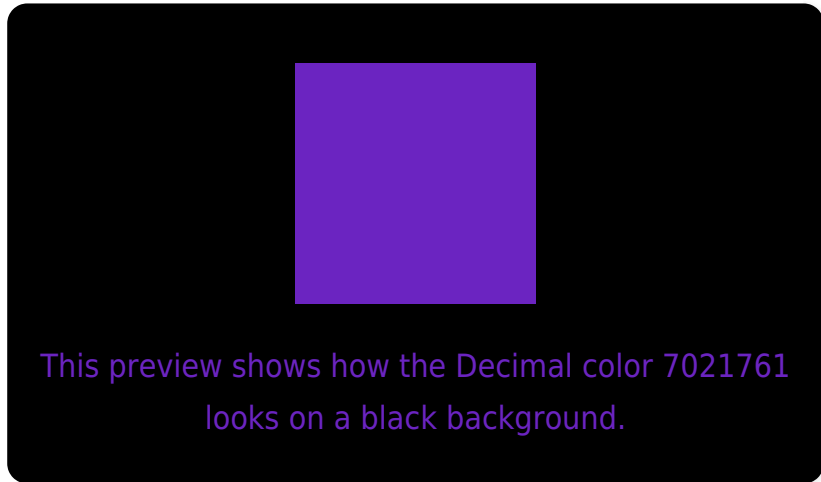
Large Text (above 18pt) WCAG AA ✓ Pass

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

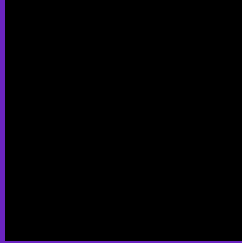
Any Text WCAG AA × Fail

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 7021761 Background



This preview shows how black text looks on a background with the Decimal color 7021761.

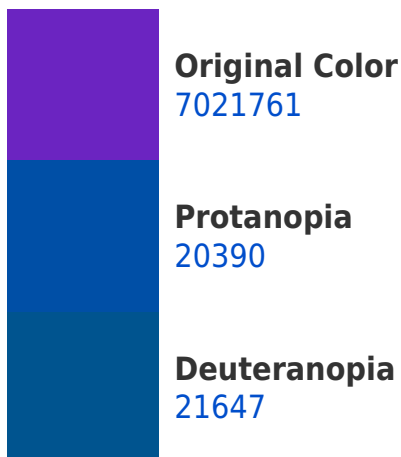



This preview shows how white text looks on a background with the Decimal color 7021761.

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](#).

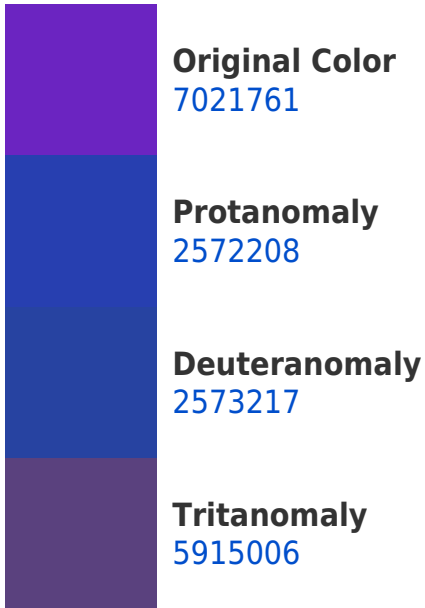
Dichromacy



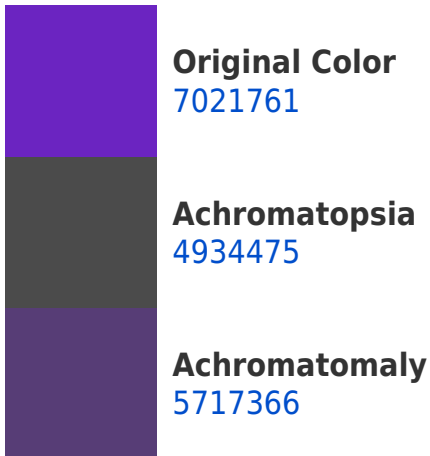


Tritanopia
5329239

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7021761 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 #6B24C1 looks like.

```
.text, #text, p{  
  color:#6B24C1  
}
```

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 #6B24C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B24C1
}
```

Border

The CSS property to change the border of an element to Decimal 7021761 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
#6B24C1 }
```

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

```
.border{ border-color:#6B24C1 }
```

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

Here you see how a box with a 4 pixel #6B24C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B24C1; -webkit-box-shadow:4px 4px  
4px 4px #6B24C1; box-shadow:4px 4px 4px  
4px #6B24C1 }
```

Background

The CSS property to change the background color of an element to Decimal 7021761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B24C1 }
```

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

```
.background{ background-color:#6B24C1 }
```

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