

Converting Colors

Decimal(7171780)

Have a look what the booklet for
Decimal(7171780) contains.

Decimal(7171780)	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(7171780)

Conversions

Conversions Part 1

Format	Color
Hex	6D6EC4
RGB	109, 110, 196
RGB Percent	43%, 43%, 77%
CMY	0.5725, 0.5686, 0.2314
CMYK	0.44, 0.44, 0.00, 0.23
HSL	239°, 42%, 60%
HSV	239°, 44%, 77%
XYZ	21.8464, 18.3886, 54.6225
YIQ	119.5050, -28.2020, 26.5340

Conversions

Conversions Part 2

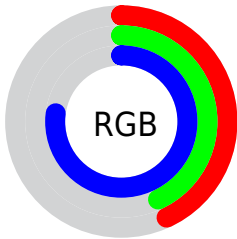
Format	Color
R _Y B	109, 110, 196
Decimal	7171780
CIE Lab	49.96, 21.95, -45.18
CIE LCh	50, 50.234, 295.911
Yxy	18.3886, 0.2303, 0.1939
Android (android.graphics.Color)	4285361860 (0xFF6D6EC4)
YUV	119.5050, 37.7120, -9.2129
Hunter-Lab	42.8819, 15.8944, -45.5055

Details

The Decimal color **7171780** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **12895085**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **10789373**, and **3555214** is the 20% darker color. If you saturate the color by 10%, you get **5856196**, and if you desaturate by 10%, it is **8487364**.

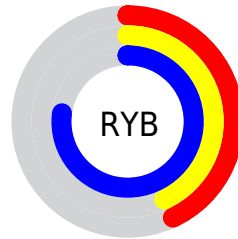
Distribution



Red (43%)

Green (43%)

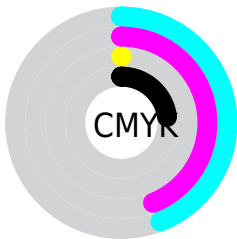
Blue (77%)



Red (43%)

Yellow (43%)

Blue (77%)

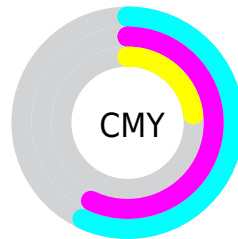


Cyan (44%)

Magenta (44%)

Yellow (0%)

Black (23%)



Cyan (57%)

Magenta (57%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7171780 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 7171780 by changing the saturation by 10% instead.

■ 7171780

■ 7171780

16777215

■ 5396136

■ 10789373

■ 3555214

■ 12697087

■ 1321332

■ 14604543

■ 5467

■ 16512511

■ 67

■ 811

■ 278

■ 0

■ 7171780

■ 7171780

■ 5856196

■ 8487364

■ 4605892

■ 9737668

■ 3290308

■ 11053252

■ 2040260

■ 12303300

■ 724420

■ 13619140

■ 708

■ 14934724

■ 16185028

■ 16777156

Harmonies

Analogous

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



32204



7171780



10837159

Triad

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



7171780



11690544



35695

Complementary

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



7171780



12895085

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.



3049285



7171780



9597721

Square

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



7171780



12800852



6913827



35739

Rectangle

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



7171780



12210829



6913827



35425

Sweetspot

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



7171780



14606079



7193795



7039872



0



8421504

Same Dimension

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



7171780



7895551



9924036



5724001



673



33

Inverse Universe

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



12873070



16742521



10142829



6379351



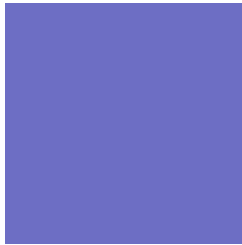
10551298



2162688

Previews

White Background



This preview shows how the Decimal color 7171780 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 7171780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

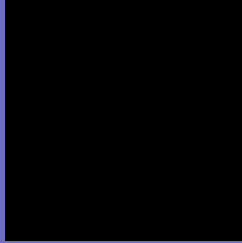
Any Text WCAG AA ✓ Pass

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 7171780 Background



This preview shows how black text looks on a background with the Decimal color 7171780.

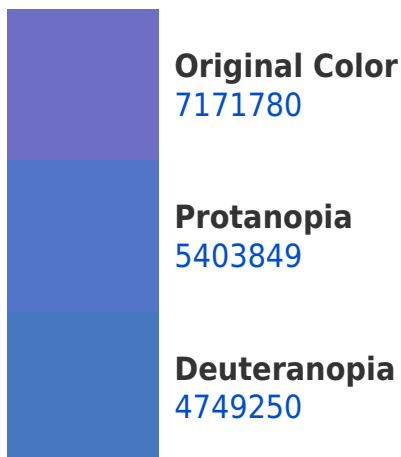



This preview shows how white text looks on a background with the Decimal color 7171780.

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](#).

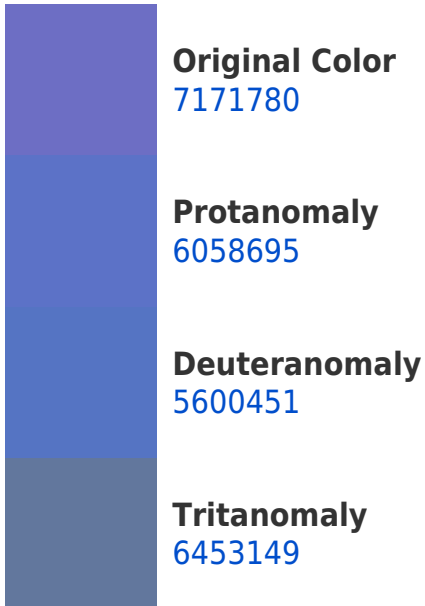
Dichromacy





Tritanopia
6061190

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7171780 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 #6D6EC4 looks like.

```
.text, #text, p{  
    color:#6D6EC4  
}
```

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 #6D6EC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6EC4
}
```

Border

The CSS property to change the border of an element to Decimal 7171780 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
#6D6EC4 }
```

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

```
.border{ border-color:#6D6EC4 }
```

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

Here you see how a box with a 4 pixel #6D6EC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6EC4; -webkit-box-shadow:4px 4px  
4px 4px #6D6EC4; box-shadow:4px 4px 4px  
4px #6D6EC4 }
```

Background

The CSS property to change the background color of an element to Decimal 7171780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6EC4 }
```

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

```
.background{ background-color:#6D6EC4 }
```

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