

Converting Colors

Decimal(6776737)

Have a look what the booklet for
Decimal(6776737) contains.

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Color

Decimal(6776737)

Conversions

Conversions Part 1

Format	Color
Hex	6767A1
RGB	103, 103, 161
RGB Percent	40%, 40%, 63%
CMY	0.5961, 0.5961, 0.3686
CMYK	0.36, 0.36, 0.00, 0.37
HSL	240°, 24%, 52%
HSV	240°, 36%, 63%
XYZ	16.8768, 15.1573, 35.7544
YIQ	109.6120, -18.6180, 18.0380

Conversions

Conversions Part 2

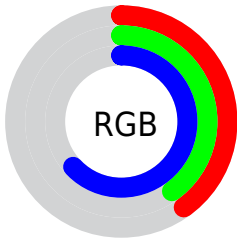
Format	Color
R_{YB}	103, 103, 161
Decimal	6776737
CIE _{Lab}	45.85, 14.44, -31.35
CIE _{LCh}	46, 34.512, 294.736
Yxy	15.1573, 0.2490, 0.2236
Android (android.graphics.Color)	4284966817 (0xFF6767A1)
YUV	109.6120, 25.3343, -5.7987
Hunter-Lab	38.9323, 9.2464, -27.1976

Details

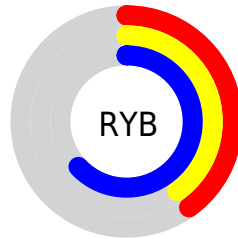
The Decimal color **6776737** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10592615**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **10263256**, and **3422317** is the 20% darker color. If you saturate the color by 10%, you get **5724065**, and if you desaturate by 10%, it is **7829409**.

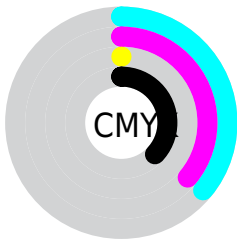
Distribution



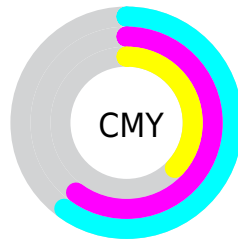
- Red (40%)
- Green (40%)
- Blue (63%)



- Red (40%)
- Yellow (40%)
- Blue (63%)



- Cyan (36%)
- Magenta (36%)
- Yellow (0%)
- Black (37%)



- Cyan (60%)
- Magenta (60%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6776737 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 6776737 by changing the saturation by 10% instead.



6776737



6776737

16777215



5066631



10263256



3422317



12039669



1778516



13947135



3645



15789567



807



272



0



6776737



6776737



5724065



7829409

■ 4671393

■ 8882081

■ 3618721

■ 9934753

■ 2566049

■ 10987425

■ 1513377

■ 12105889

■ 394913

■ 13158561

■ 161

■ 14211233

■ 15263905

■ 16316577

Harmonies

Analogous

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



3043750



6776737



9198734

Triad

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



6776737



9985854



97126

Complementary

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



6776737



10592615

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.



4421706



6776737



8546610

Square

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



6776737



10704470



6713910



31620

Rectangle

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



6776737



10180477



6713910



2325084

Sweetspot

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



6776737



12237521



6791585



5987177



15263976



6908265

Same Dimension

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



6776737



7829457



8677281



4802898



145



18

Inverse Universe

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



10577825



13727697



8692071



5392722



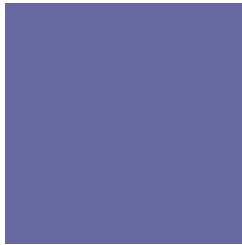
9502865



1179666

Previews

White Background



This preview shows how the Decimal color 6776737 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 6776737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

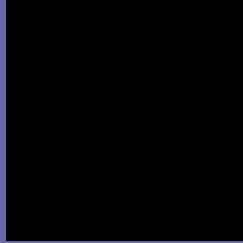
Any Text WCAG AA × Fail

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 6776737 Background



This preview shows how black text looks on a background with the Decimal color 6776737.

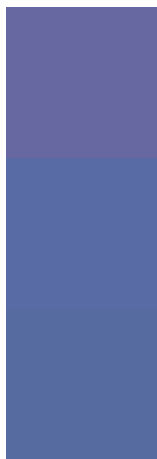


This preview shows how white text looks on a background with the Decimal color 6776737.

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



Original Color
6776737

Protanopia
5794724

Deuteranopia
5663904



Tritanopia
6188920

Trichromacy



Original Color
6776737

Protanomaly
6122147

Deuteranomaly
6056608

Tritanomaly
6384775

Monochromacy



Original Color
6776737

Achromatopsia
7237230

Achromatomaly
7039873

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6776737 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 #6767A1 looks like.

```
.text, #text, p{  
    color:#6767A1  
}
```

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 #6767A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6767A1
}
```

Border

The CSS property to change the border of an element to Decimal 6776737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

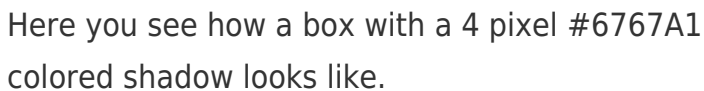
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6767A1 }
```

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

```
.border{ border-color:#6767A1 }
```

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



Here you see how a box with a 4 pixel #6767A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6767A1; -webkit-box-shadow:4px 4px  
4px 4px #6767A1; box-shadow:4px 4px 4px  
4px #6767A1 }
```

Background

The CSS property to change the background color of an element to Decimal 6776737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6767A1 }
```

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

```
.background{ background-color:#6767A1 }
```

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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