

Converting Colors

Decimal(7676777)

Have a look what the booklet for
Decimal(7676777) contains.

| | |
|--|----|
| Decimal(7676777) | 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(7676777)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 752369 |
| RGB | 117, 35, 105 |
| RGB Percent | 46%, 14%, 41% |
| CMY | 0.5412, 0.8627, 0.5882 |
| CMYK | 0.00, 0.70, 0.10, 0.54 |
| HSL | 309°, 54%, 30% |
| HSV | 309°, 70%, 46% |
| XYZ | 10.4870, 6.0039, 13.9707 |
| YIQ | 67.4980, 26.4020, 39.1540 |

Conversions

Conversions Part 2

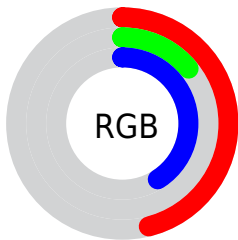
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 117, 35, 105 |
| Decimal | 7676777 |
| CIE _{Lab} | 29.42, 44.03, -22.56 |
| CIE _{LCh} | 29, 49.472, 332.869 |
| Yxy | 6.0039, 0.3443, 0.1971 |
| Android (android.graphics.Color) | 4285866857 (0xFF752369) |
| YUV | 67.4980, 18.4885, 43.4133 |
| Hunter-Lab | 24.5028, 33.5161, -16.6533 |

Details

The Decimal color **7676777** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2323759**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **11229085**, and **4259897** is the 20% darker color. If you saturate the color by 10%, you get **7673703**, and if you desaturate by 10%, it is **7679851**.

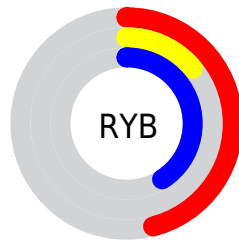
Distribution



Red (46%)

Green (14%)

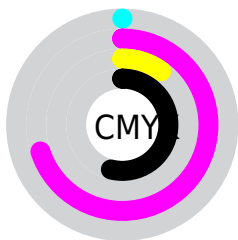
Blue (41%)



Red (46%)

Yellow (14%)

Blue (41%)

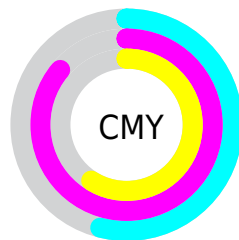


Cyan (0%)

Magenta (70%)

Yellow (10%)

Black (54%)



Cyan (54%)

Magenta (86%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7676777 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 7676777 by changing the saturation by 10% instead.



7676777



7676777

16777215



5964369



11229085



4259897



13136312



2883620



15043795



11



16754672



0



16761855



16769023



16776447



7676777



7676777

7673703

7679851

7670886

7682668

7667812

7685742

7688816

7691890

7694707

7697781

7700855

7703672

Harmonies

Analogous

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



4667782



7676777



8852291

Triad

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



7676777



5391616



22126

Complementary

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



7676777



2323759

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.



22088



7676777



2772736

Square

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



7676777



7353600



21536



21130

Rectangle

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



7676777



8788522



21536



22114

Sweetspot

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



7676777



10058132



3023733



5060938



13421772



5066061

Same Dimension

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



7676777



10033286



7676737



3880250



7995496



16384213

Inverse Universe

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



7676777



10033286



2323799



3880250



7995496



16384213

Previews

White Background



This preview shows how the Decimal color 7676777 looks on a white background.

Color Contrast Check

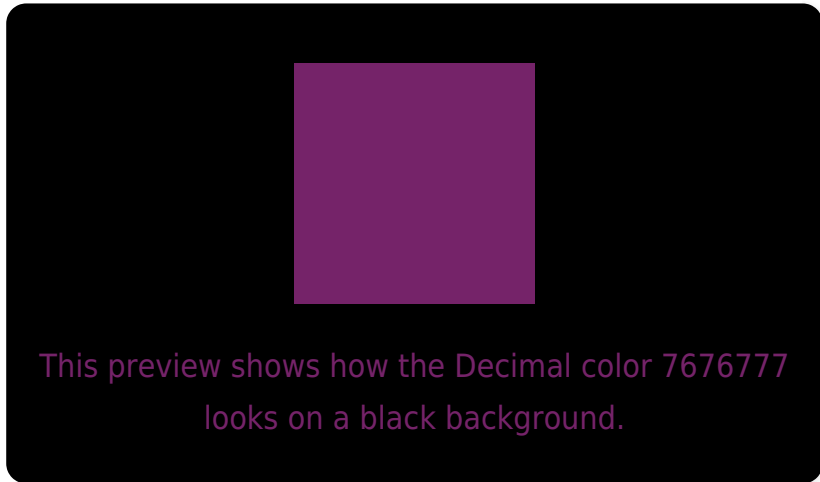
Large Text (above 18pt) WCAG AA ✓ Pass

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

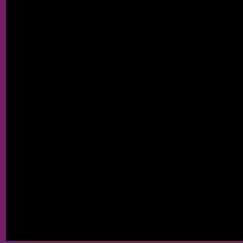
Any Text WCAG AA × Fail

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 7676777 Background



This preview shows how black text looks on a background with the Decimal color 7676777.



This preview shows how white text looks on a background with the Decimal color 7676777.

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



Trichromacy



Original Color
7676777

Protanomaly
4208763

Deuteranomaly
5323110

Tritanomaly
7482697

Monochromacy



Original Color
7676777

Achromatopsia
4408131

Achromatomaly
5584721

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7676777 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 #752369 looks like.

```
.text, #text, p{  
    color:#752369  
}
```

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 #752369 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #752369
}
```

Border

The CSS property to change the border of an element to Decimal 7676777 is called "border". The border property can be set on classes, ids or directly on the HTML element.

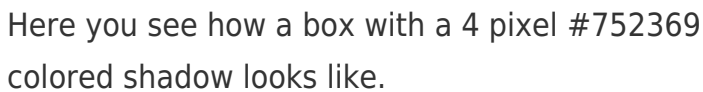
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#752369 }
```

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

```
.border{ border-color:#752369 }
```

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



Here you see how a box with a 4 pixel #752369 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #752369; -webkit-box-shadow:4px 4px  
4px 4px #752369; box-shadow:4px 4px 4px  
4px #752369 }
```

Background

The CSS property to change the background color of an element to Decimal 7676777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#752369 }
```

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

```
.background{ background-color:#752369 }
```

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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