

Converting Colors

Decimal(6776686)

Have a look what the booklet for
Decimal(6776686) contains.

Decimal(6776686)	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(6776686)

Conversions

Conversions Part 1

Format	Color
Hex	67676E
RGB	103, 103, 110
RGB Percent	40%, 40%, 43%
CMY	0.5961, 0.5961, 0.5686
CMYK	0.06, 0.06, 0.00, 0.57
HSL	240°, 3%, 42%
HSV	240°, 6%, 43%
XYZ	13.2582, 13.7098, 16.6993
YIQ	103.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

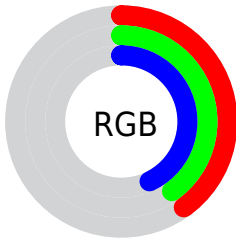
Format	Color
R_{YB}	103, 103, 110
Decimal	6776686
CIE Lab	43.81, 1.49, -3.93
CIE LCh	44, 4.202, 290.789
Yxy	13.7098, 0.3036, 0.3140
Android (android.graphics.Color)	4284966766 (0xFF67676E)
YUV	103.7980, 3.0576, -0.6998
Hunter-Lab	37.0268, -0.8812, -0.8214

Details

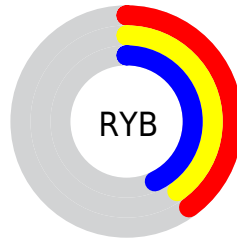
The Decimal color **6776686** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7237223**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **10132130**, and **3684415** is the 20% darker color. If you saturate the color by 10%, you get **6052974**, and if you desaturate by 10%, it is **7500398**.

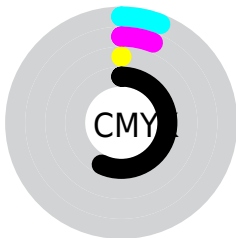
Distribution



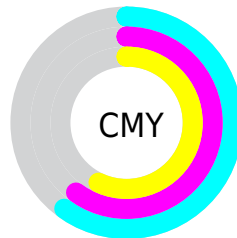
- Red (40%)
- Green (40%)
- Blue (43%)



- Red (40%)
- Yellow (40%)
- Blue (43%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (57%)



- Cyan (60%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6776686 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 6776686 by changing the saturation by 10% instead.



6776686



6776686

16777215



5197654



10132130



3684415



11908541



2302761



13684952



855316



15592949



0



6776686



6776686



6052974



7500398



5329262



8224110



4605550



8947822

■ 3881838

■ 9671534

■ 3158126

■ 10395246

■ 2434414

■ 11118958

■ 1710702

■ 11842670

■ 986990

■ 12566382

■ 263278

■ 13290094

Harmonies

Analogous

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



6514798



6776686



7038572

Triad

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



6776686



7235170



6384230

Complementary

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



6776686



7237223

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.



6580579



6776686



7104353

Square

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



6776686



7300453



6842465



6253162

Rectangle

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



6776686



7169386



6842465



6449509

Sweetspot

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



6776686



9211023



6778478



4605511



13092807



4671303

Same Dimension

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



6776686



8618895



7038830



3289656



120



247

Inverse Universe

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



7235438



9405327



7040615



3682872



7864440



16187639

Previews

White Background



This preview shows how the Decimal color 6776686 looks on a white background.

Color Contrast Check

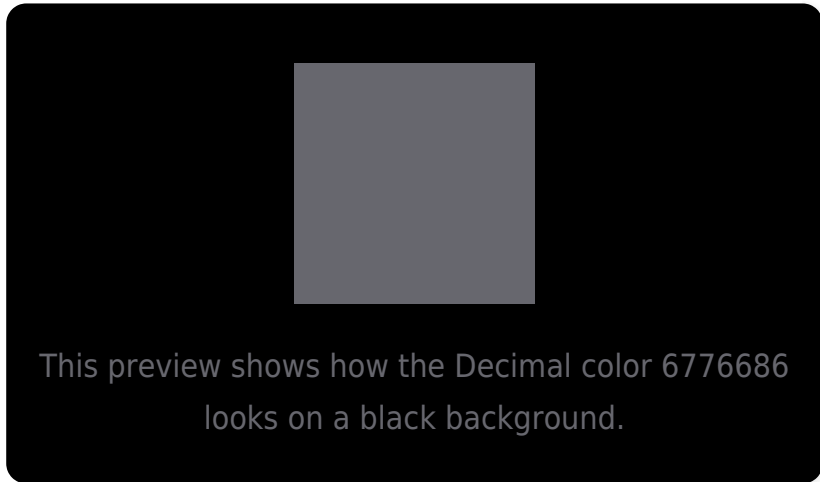
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

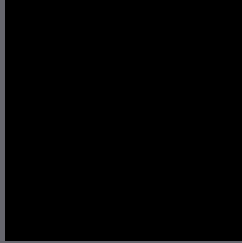
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

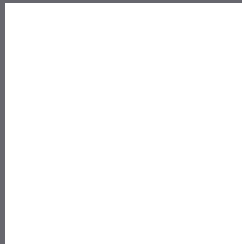
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6776686 Background



This preview shows how black text looks on a background with the Decimal color 6776686.



This preview shows how white text looks on a background with the Decimal color 6776686.

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
6776686

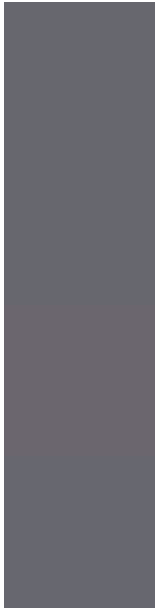
Protanopia
6776686

Deuteranopia
7234926



Tritanopia
6776687

Trichromacy



Original Color

6776686

Protanomaly

6776686

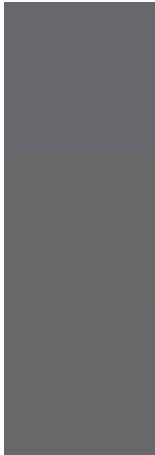
Deuteranomaly

7038574

Tritanomaly

6776687

Monochromacy



Original Color

6776686

Achromatopsia

6842472

Achromatomaly

6842474

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6776686 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 #67676E looks like.

```
.text, #text, p{  
    color:#67676E  
}
```

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 #67676E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67676E
}
```

Border

The CSS property to change the border of an element to Decimal 6776686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

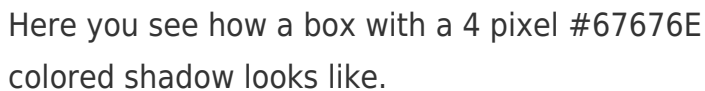
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67676E }
```

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

```
.border{ border-color:#67676E }
```

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



Here you see how a box with a 4 pixel #67676E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67676E; -webkit-box-shadow:4px 4px  
4px 4px #67676E; box-shadow:4px 4px 4px  
4px #67676E }
```

Background

The CSS property to change the background color of an element to Decimal 6776686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67676E }
```

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

```
.background{ background-color:#67676E }
```

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