

Converting Colors

Decimal(6776636)

Have a look what the booklet for
Decimal(6776636) contains.

Decimal(6776636)	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(6776636)

Conversions

Conversions Part 1

Format	Color
Hex	67673C
RGB	103, 103, 60
RGB Percent	40%, 40%, 24%
CMY	0.5961, 0.5961, 0.7647
CMYK	0.00, 0.00, 0.42, 0.60
HSL	60°, 26%, 32%
HSV	60°, 42%, 40%
XYZ	11.2594, 12.9103, 6.1735
YIQ	98.0980, 13.8030, -13.3730

Conversions

Conversions Part 2

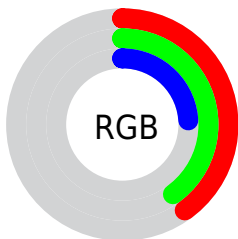
Format	Color
RYB	60, 103, 60
Decimal	6776636
CIELab	42.63, -7.14, 24.25
CIELCh	43, 25.279, 106.415
Yxy	12.9103, 0.3711, 0.4255
Android (android.graphics.Color)	4284966716 (0xFF67673C)
YUV	98.0980, -18.7823, 4.2991
Hunter-Lab	35.9309, -6.9440, 14.9647

Details

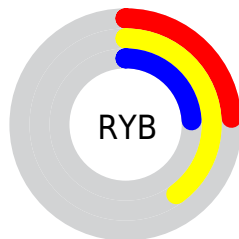
The Decimal color **6776636** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3947623**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **10197612**, and **3618832** is the 20% darker color. If you saturate the color by 10%, you get **6776626**, and if you desaturate by 10%, it is **6776646**.

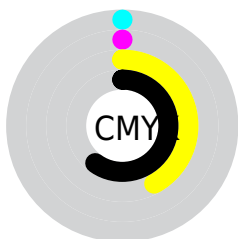
Distribution



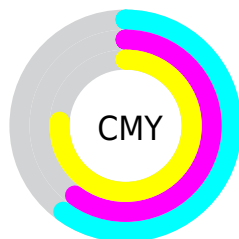
- Red (40%)
- Green (40%)
- Blue (24%)



- Red (24%)
- Yellow (40%)
- Blue (24%)



- Cyan (0%)
- Magenta (0%)
- Yellow (42%)
- Black (60%)



- Cyan (60%)
- Magenta (60%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6776636 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 6776636 by changing the saturation by 10% instead.



6776636



6776636

16777215



5132069



10197612



3618832



11974022



2237184



13815968



3584



15658171



0



16777175



16777203



6776636



6776636



6776626



6776646

■ 6776615

■ 6776657

■ 6776605

■ 6776667

■ 6776595

■ 6776677

■ 6776584

■ 6776688

■ 6776576

■ 6776698

■ 6776708

■ 6776718

■ 6776729

Harmonies

Analogous

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



8085564



6776636



5205063

Triad

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



6776636



1339010



8869487

Complementary

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



6776636



3947623

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.



7691138



6776636



3565965

Square

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



6776636



1601648



5858189



9327962

Rectangle

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



6776636



4091475



5858189



8607606

Sweetspot

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



6776636



8882038



6765628



4539706



12895428



4539717

Same Dimension

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



6776636



8881988



5400380



3355438



7566080



15921664

Inverse Universe

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



3947623



4473991



5389415



3026483



115



242

Previews

White Background



This preview shows how the Decimal color 6776636 looks on a white background.

Color Contrast Check

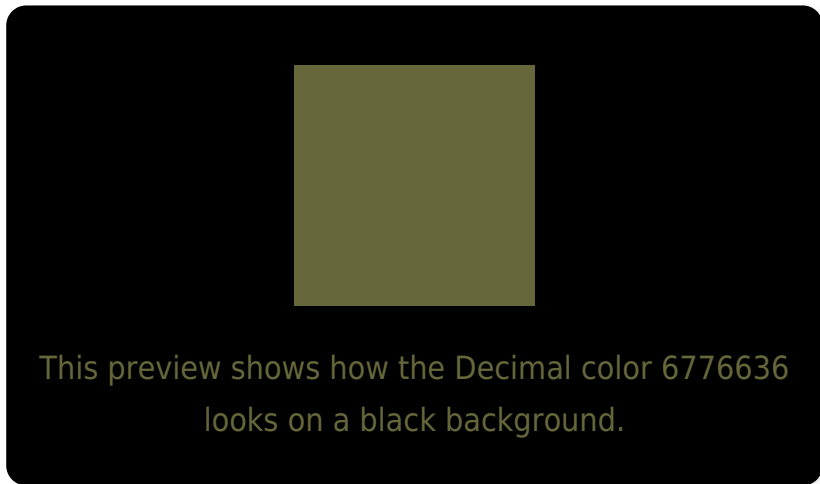
Large Text (above 18pt) WCAG AA ✓ Pass

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

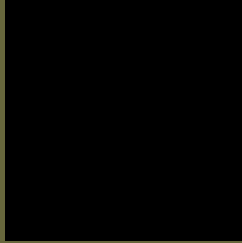
Any Text WCAG AA × Fail

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 6776636 Background



This preview shows how black text looks on a background with the Decimal color 6776636.



This preview shows how white text looks on a background with the Decimal color 6776636.

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

6776636

Protanopia

7234875

Deuteranopia

8020030



Tritanopia
7103081

Trichromacy



Original Color
6776636

Protanomaly
7038523

Deuteranomaly
7562045

Tritanomaly
6972505

Monochromacy



Original Color
6776636

Achromatopsia
6447714

Achromatomaly
6579284

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6776636 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 #67673C looks like.

```
.text, #text, p{  
    color:#67673C  
}
```

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 #67673C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67673C
}
```

Border

The CSS property to change the border of an element to Decimal 6776636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

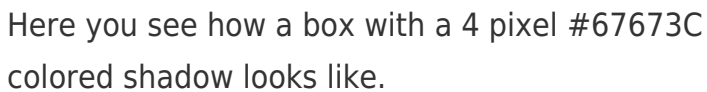
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67673C }
```

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

```
.border{ border-color:#67673C }
```

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



Here you see how a box with a 4 pixel #67673C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67673C; -webkit-box-shadow:4px 4px  
4px 4px #67673C; box-shadow:4px 4px 4px  
4px #67673C }
```

Background

The CSS property to change the background color of an element to Decimal 6776636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67673C }
```

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

```
.background{ background-color:#67673C }
```

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