

# Converting Colors

Decimal(8026719)

Have a look what the booklet for  
Decimal(8026719) contains.

<b>Decimal(8026719)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(8026719)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A7A5F
RGB	122, 122, 95
RGB Percent	48%, 48%, 37%
CMY	0.5216, 0.5216, 0.6275
CMYK	0.00, 0.00, 0.22, 0.52
HSL	60°, 12%, 43%
HSV	60°, 22%, 48%
XYZ	17.0511, 18.8829, 13.5725
YIQ	118.9220, 8.6670, -8.3970

# Conversions

## Conversions Part 2

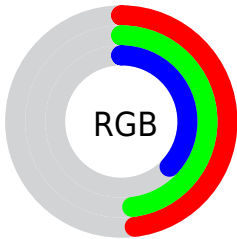
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 122, 95
Decimal	8026719
CIE <sub>Lab</sub>	50.55, -4.86, 14.83
CIE <sub>LCh</sub>	51, 15.609, 108.133
Yxy	18.8829, 0.3444, 0.3814
Android (android.graphics.Color)	4286216799 (0xFF7A7A5F)
YUV	118.9220, -11.7935, 2.6994
Hunter-Lab	43.4544, -6.0034, 11.8995

# Details

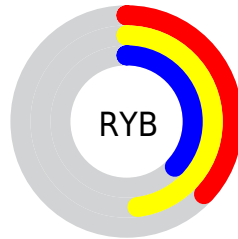
The Decimal color **8026719** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6250362**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **11513490**, and **4802865** is the 20% darker color. If you saturate the color by 10%, you get **8026707**, and if you desaturate by 10%, it is **8026731**.

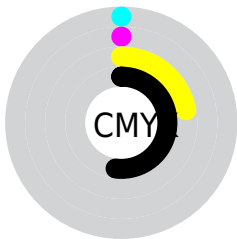
# Distribution



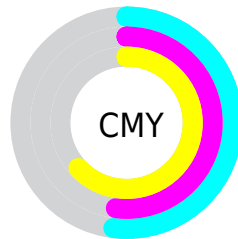
- Red (48%)
- Green (48%)
- Blue (37%)



- Red (37%)
- Yellow (48%)
- Blue (37%)



- Cyan (0%)
- Magenta (0%)
- Yellow (22%)
- Black (52%)



- Cyan (52%)
- Magenta (52%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8026719 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 8026719 by changing the saturation by 10% instead.





8026719



8026719

16777215



6381895



11513490



4802865



13290156



3289883



15132360



1973762



16777188



1024



0



8026719



8026719



8026707



8026731



8026695



8026743

■ 8026682

■ 8026756

■ 8026670

■ 8026768

■ 8026658

■ 8026780

■ 8026646

■ 8026792

■ 8026634

■ 8026804

■ 8026624

■ 8026817

■ 8026829

# Harmonies

## Analogous

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



8943199



8026719



7044710

# Triad

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



8026719



5668492



9465726

# Complementary

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



8026719



6250362

# 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.



8680074



8026719



6454162

# Square

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



8026719



5537920



7632785



9727857

# Rectangle

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



8026719



6389614



7632785



9269379



# Sweetspot

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



8026719



10395283



8019807



5197641



13619151



5197647



# Same Dimension

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



8026719



10395251



7174751



4013367



8224000



16579584



# Inverse Universe

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



6250362



7566238



7167866



3618621



125



252



# Previews

## White Background



This preview shows how the Decimal color 8026719 looks on a white background.

## Color Contrast Check

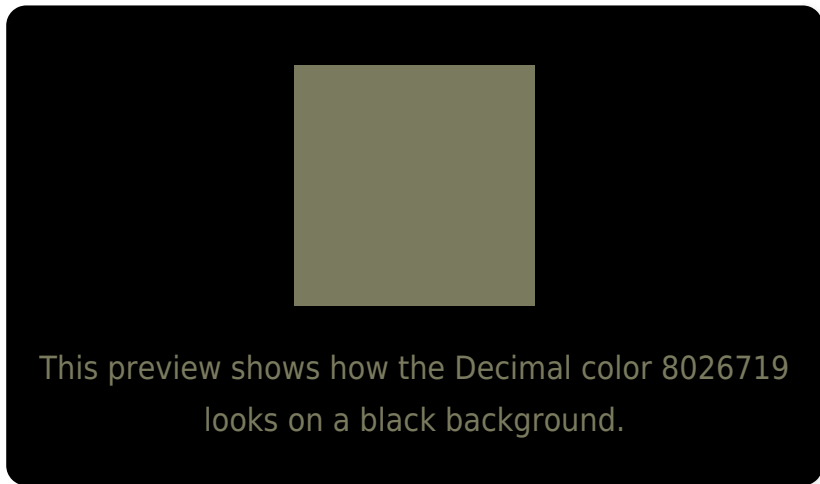
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

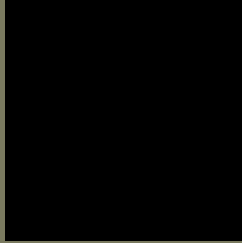
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8026719 Background



This preview shows how black text looks on a background with the Decimal color 8026719.



This preview shows how white text looks on a background with the Decimal color 8026719.

# 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**


8026719

**Protanopia**

8419422

**Deuteranopia**

9204832



**Tritanopia**  
8287871

# Trichromacy



**Original Color**  
8026719

**Protanomaly**  
8288606

**Deuteranomaly**  
8746592

**Tritanomaly**  
8222579

# Monochromacy



**Original Color**  
8026719

**Achromatopsia**  
7829367

**Achromatomaly**  
7895150

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8026719 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 #7A7A5F looks like.

```
.text, #text, p{  
  color:#7A7A5F  
}
```

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 #7A7A5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7A5F
}
```

## Border

The CSS property to change the border of an element to Decimal 8026719 is called "border". The border property can be set on classes, ids or directly on the HTML element.

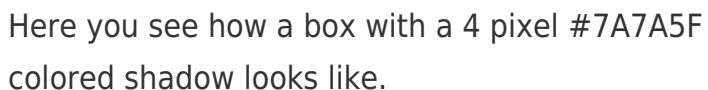
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A7A5F }
```

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

```
.border{ border-color:#7A7A5F }
```

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



Here you see how a box with a 4 pixel #7A7A5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7A5F; -webkit-box-shadow:4px 4px  
4px 4px #7A7A5F; box-shadow:4px 4px 4px  
4px #7A7A5F }
```

# Background

The CSS property to change the background color of an element to Decimal 8026719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7A5F }
```

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

```
.background{ background-color:#7A7A5F }
```

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