

# Converting Colors

Decimal(5077311)

Have a look what the booklet for  
Decimal(5077311) contains.

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# Color

**Decimal(5077311)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D793F
RGB	77, 121, 63
RGB Percent	30%, 47%, 25%
CMY	0.6980, 0.5255, 0.7529
CMYK	0.36, 0.00, 0.48, 0.53
HSL	106°, 32%, 36%
HSV	106°, 48%, 47%
XYZ	10.7951, 15.6114, 7.1470
YIQ	101.2320, -7.6060, -27.3660

# Conversions

## Conversions Part 2

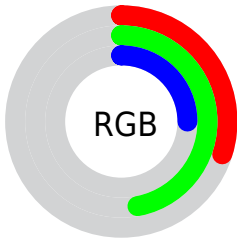
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 121, 107
Decimal	5077311
CIELab	46.46, -27.09, 27.01
CIELCh	46, 38.254, 135.077
Yxy	15.6114, 0.3217, 0.4653
Android (android.graphics.Color)	4283267391 (0xFF4D793F)
YUV	101.2320, -18.8484, -21.2515
Hunter-Lab	39.5113, -20.3755, 16.9333

# Details

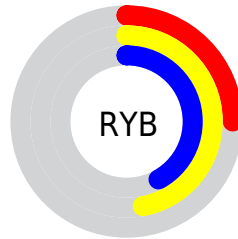
The Decimal color **5077311** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7028601**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **8433264**, and **1853457** is the 20% darker color. If you saturate the color by 10%, you get **4487475**, and if you desaturate by 10%, it is **5667147**.

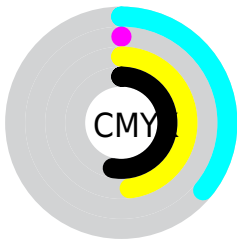
# Distribution



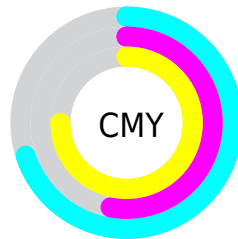
- Red (30%)
- Green (47%)
- Blue (25%)



- Red (25%)
- Yellow (47%)
- Blue (42%)



- Cyan (36%)
- Magenta (0%)
- Yellow (48%)
- Black (53%)



- Cyan (70%)
- Magenta (53%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5077311 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 5077311 by changing the saturation by 10% instead.



■ 5077311

■ 5077311

16777215

■ 3432488

■ 8433264

■ 1853457

■ 10209674

■ 274688

■ 11986340

■ 7680

■ 13828031

■ 0

■ 15728603

■ 16777208

■ 5077311

■ 5077311

■ 4487475

■ 5667147

■ 3897639

■ 6256983

■ 3242267

■ 6912355

■ 2652431

■ 7502191

■ 2062595

■ 8092027

■ 1931520

■ 8681864

■ 9271700

■ 9861536

■ 10516908

# Harmonies

## Analogous

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



7434541



5077311



1080668

# Triad

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



5077311



30380



11162463

# Complementary

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



5077311



7028601

# 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.



10573183



5077311



5598380

# Square

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



5077311



31899



8740764



10705730

# Rectangle

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



5077311



32371



8740764



11096682



# Sweetspot

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



5077311



9281160



7957055



4542274



13619151



5197647



# Same Dimension

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



5077311



5873218



4159821



3751223



1998080



4062208



# Inverse Universe

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



7028601



8929950



7946090



3946301



6226045

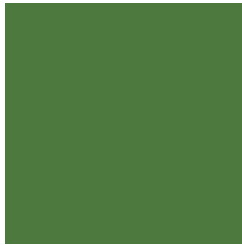


12583164



# Previews

## White Background



This preview shows how the Decimal color 5077311 looks on a white background.

## Color Contrast Check

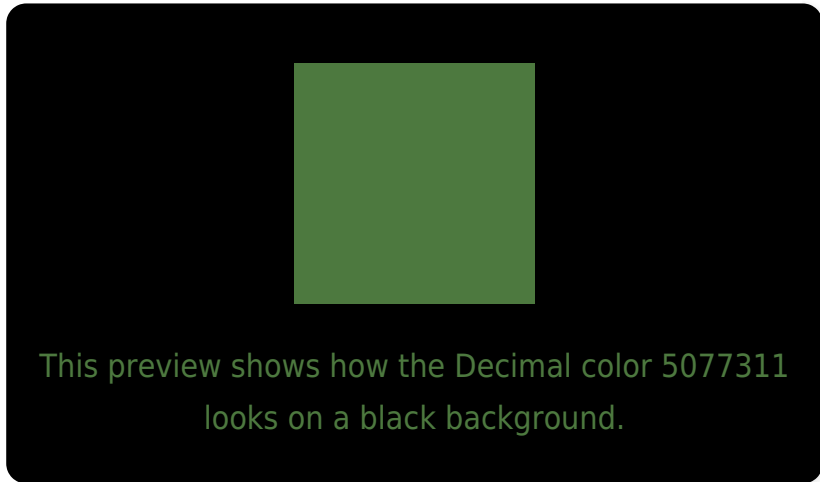
Large Text (above 18pt) WCAG AA ✓ Pass

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

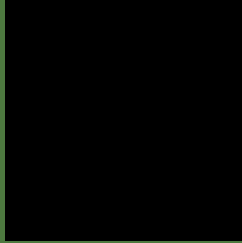
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5077311 Background



This preview shows how black text looks on a background with the Decimal color 5077311.



This preview shows how white text looks on a background with the Decimal color 5077311.

# 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**  
5077311

**Protanopia**  
7958075

**Deuteranopia**  
8743235



# Trichromacy



**Original Color**  
5077311

**Protanomaly**  
6910524

**Deuteranomaly**  
7434050

**Tritanomaly**  
5469541

# Monochromacy



**Original Color**  
5077311

**Achromatopsia**  
6645093

**Achromatomaly**  
6057047

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5077311 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 #4D793F looks like.

```
.text, #text, p{  
    color:#4D793F  
}
```

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 #4D793F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D793F
}
```

## Border

The CSS property to change the border of an element to Decimal 5077311 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".

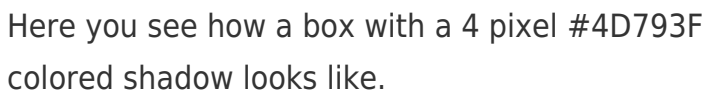
```
.border, #border, table{ border:4px solid
#4D793F }
```

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

```
.border{ border-color:#4D793F }
```

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

Here you see how a box with a 4 pixel #4D793F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D793F; -webkit-box-shadow:4px 4px  
4px 4px #4D793F; box-shadow:4px 4px 4px  
4px #4D793F }
```

# Background

The CSS property to change the background color of an element to Decimal 5077311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D793F }
```

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

```
.background{ background-color:#4D793F }
```

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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