

# Converting Colors

Decimal(5862721)

Have a look what the booklet for  
Decimal(5862721) contains.

<b>Decimal(5862721)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(5862721)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	597541
RGB	89, 117, 65
RGB Percent	35%, 46%, 25%
CMY	0.6510, 0.5412, 0.7451
CMYK	0.24, 0.00, 0.44, 0.54
HSL	92°, 29%, 36%
HSV	92°, 44%, 46%
XYZ	11.4352, 15.2281, 7.3376
YIQ	102.7000, 0.0040, -22.1080

# Conversions

## Conversions Part 2

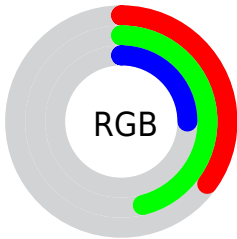
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 117, 93
Decimal	5862721
CIELab	45.95, -20.17, 25.41
CIELCh	46, 32.445, 128.438
Yxy	15.2281, 0.3363, 0.4479
Android (android.graphics.Color)	4284052801 (0xFF597541)
YUV	102.7000, -18.5861, -12.0149
Hunter-Lab	39.0232, -15.9834, 16.1678

# Details

The Decimal color **5862721** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6111605**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **9218418**, and **2704660** is the 20% darker color. If you saturate the color by 10%, you get **5469493**, and if you desaturate by 10%, it is **6255949**.

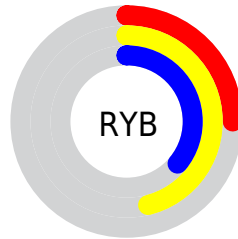
# Distribution



Red (35%)

Green (46%)

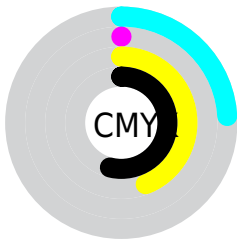
Blue (25%)



Red (25%)

Yellow (46%)

Blue (36%)

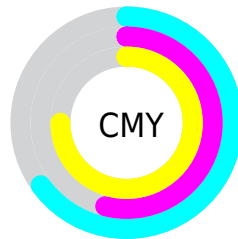


Cyan (24%)

Magenta (0%)

Yellow (44%)

Black (54%)



Cyan (65%)

Magenta (54%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5862721 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 5862721 by changing the saturation by 10% instead.





5862721



5862721

16777215



4283434



9218418



2704660



10995084



1322496



12771750



6912



14679489



0



16515037



16777210



5862721



5862721



5469493



6255949

■ 5010730

■ 6714712

■ 4617502

■ 7107940

■ 4224274

■ 7501168

■ 3831046

■ 7894396

■ 3568896

■ 8353159

■ 8746387

■ 9139615

■ 9598378

# Harmonies

## Analogous

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



7761462



5862721



3504472

# Triad

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



5862721



161183



10508134

# Complementary

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



5862721



6111605

# 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.



9788033



5862721



5205410

# Square

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



5862721



31374



7955351



10312524

# Rectangle

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



5862721



752490



7955351



10377071



# Sweetspot

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



5862721



9345413



7691585



4607296



13421772



5066061



# Same Dimension

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



5862721



7182664



4289859



3619637



3701248



7600640



# Inverse Universe

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



6111605



7620761



7684467



3683643



4325498



8847610



# Previews

## White Background



This preview shows how the Decimal color 5862721 looks on a white background.

## Color Contrast Check

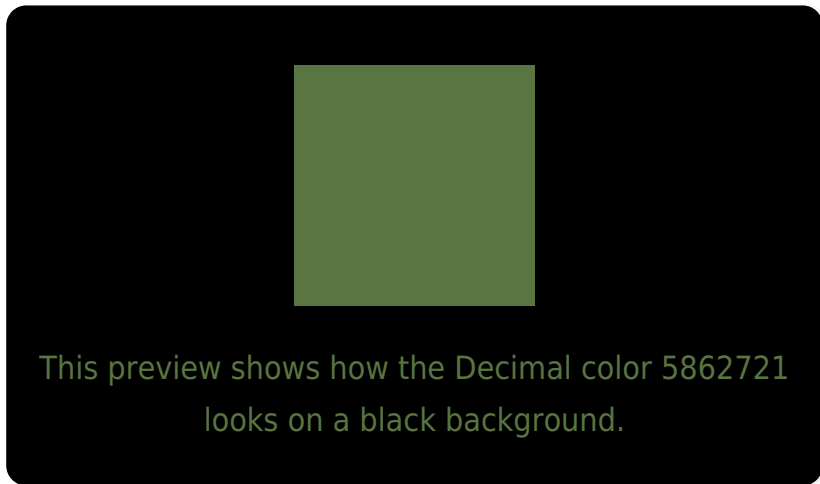
Large Text (above 18pt) WCAG AA ✓ Pass

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

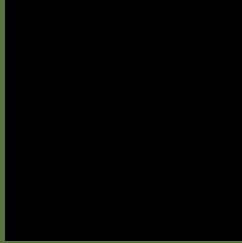
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5862721 Background



This preview shows how black text looks on a background with the Decimal color 5862721.



This preview shows how white text looks on a background with the Decimal color 5862721.

# 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](#).

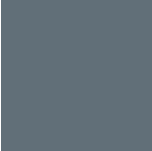
## Dichromacy



**Original Color**  
5862721

**Protanopia**  
7826750

**Deuteranopia**  
8611908



**Tritanopia**  
6385528

# Trichromacy



**Original Color**  
5862721

**Protanomaly**  
7106623

**Deuteranomaly**  
7630147

**Tritanomaly**  
6189412

# Monochromacy



**Original Color**  
5862721

**Achromatopsia**  
6776679

**Achromatomaly**  
6450265

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5862721 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 #597541 looks like.

```
.text, #text, p{  
    color:#597541  
}
```

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 #597541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #597541
}
```

## Border

The CSS property to change the border of an element to Decimal 5862721 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
#597541 }
```

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

```
.border{ border-color:#597541 }
```

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

Here you see how a box with a 4 pixel #597541 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #597541; -webkit-box-shadow:4px 4px  
4px 4px #597541; box-shadow:4px 4px 4px  
4px #597541 }
```

# Background

The CSS property to change the background color of an element to Decimal 5862721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#597541 }
```

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

```
.background{ background-color:#597541 }
```

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