

# Converting Colors

Decimal(5663831)

Have a look what the booklet for  
Decimal(5663831) contains.

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# Color

**Decimal(5663831)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	566C57
RGB	86, 108, 87
RGB Percent	34%, 42%, 34%
CMY	0.6627, 0.5765, 0.6588
CMYK	0.20, 0.00, 0.19, 0.58
HSL	123°, 11%, 38%
HSV	123°, 20%, 42%
XYZ	10.9206, 13.3917, 11.0261
YIQ	99.0280, -6.3710, -11.1950

# Conversions

## Conversions Part 2

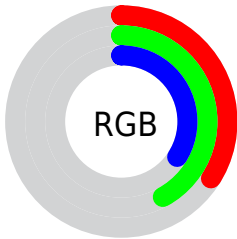
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 107, 108
Decimal	5663831
CIE Lab	43.35, -12.73, 9.10
CIE LCh	43, 15.652, 144.444
Yxy	13.3917, 0.3090, 0.3790
Android (android.graphics.Color)	4283853911 (0xFF566C57)
YUV	99.0280, -5.9298, -11.4256
Hunter-Lab	36.5946, -10.7725, 7.7520

# Details

The Decimal color **5663831** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7100011**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **8953737**, and **2636842** is the 20% darker color. If you saturate the color by 10%, you get **4942925**, and if you desaturate by 10%, it is **6384737**.

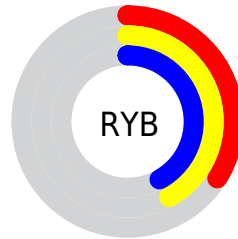
# Distribution



Red (34%)

Green (42%)

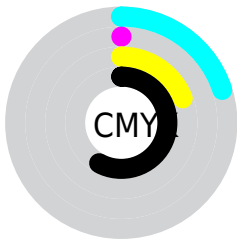
Blue (34%)



Red (34%)

Yellow (42%)

Blue (42%)

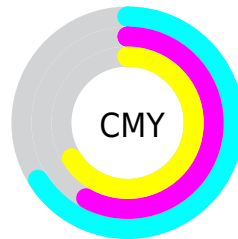


Cyan (20%)

Magenta (0%)

Yellow (19%)

Black (58%)



Cyan (66%)

Magenta (58%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5663831 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 5663831 by changing the saturation by 10% instead.





5663831



5663831

16777215



4084800



8953737



2636842



10664611



1255189



12506814



4864



14283738



0



16187382



5663831



5663831



4942925



6384737



4222018



7105644

■ 3566648

■ 7761014

■ 2845742

■ 8481920

■ 2124835

■ 9202827

■ 1403929

■ 9923733

■ 683023

■ 10644639

■ 27653

■ 11300009

■ 12020916

# Harmonies

## Analogous

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



6646095



5663831



4812387

# Triad

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



5663831



5531776



8478300

# Complementary

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



5663831



7100011

# 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.



8346985



5663831



6644862

# Square

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



5663831



4615291



7692406



8216914

# Rectangle

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



5663831



4419180



7692406



8478049



# Sweetspot

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



5663831



8686724



7040086



4343619



13092807



4671303



# Same Dimension

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



5663831



7048300



5663842



3159600



29957



62731



# Inverse Universe

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



7100011



9202571



7100000



3551285



7667824

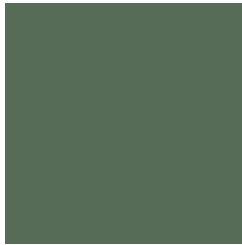


16056554



# Previews

## White Background



This preview shows how the Decimal color 5663831 looks on a white background.

## Color Contrast Check

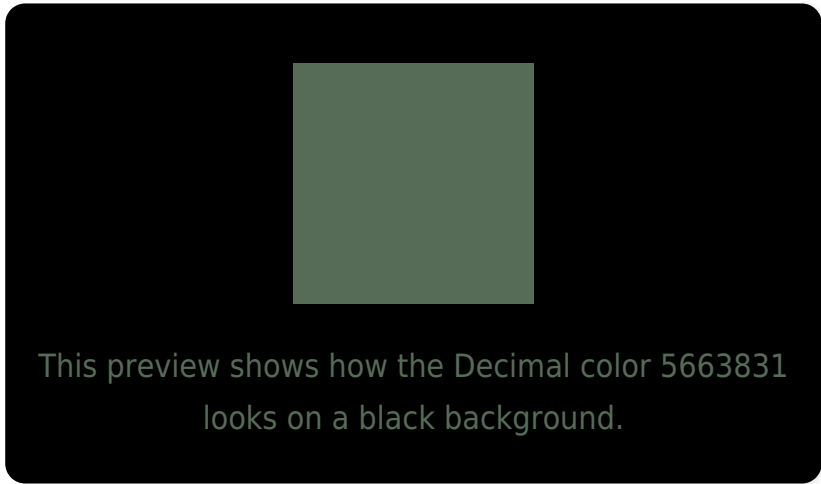
Large Text (above 18pt) WCAG AA ✓ Pass

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

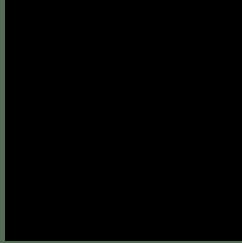
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5663831 Background



This preview shows how black text looks on a background with the Decimal color 5663831.



This preview shows how white text looks on a background with the Decimal color 5663831.

# 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**  
5663831

**Protanopia**  
7104084

**Deuteranopia**  
7692889



**Tritanopia**  
5924977

# Trichromacy



**Original Color**  
5663831

**Protanomaly**  
6580309

**Deuteranomaly**  
6973016

**Tritanomaly**  
5859688

# Monochromacy



**Original Color**  
5663831

**Achromatopsia**  
6513507

**Achromatomaly**  
6186591

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5663831 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 #566C57 looks like.

```
.text, #text, p{  
  color:#566C57  
}
```

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 #566C57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566C57
}
```

## Border

The CSS property to change the border of an element to Decimal 5663831 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
#566C57 }
```

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

```
.border{ border-color:#566C57 }
```

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

Here you see how a box with a 4 pixel #566C57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566C57; -webkit-box-shadow:4px 4px  
4px 4px #566C57; box-shadow:4px 4px 4px  
4px #566C57 }
```

# Background

The CSS property to change the background color of an element to Decimal 5663831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566C57 }
```

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

```
.background{ background-color:#566C57 }
```

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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