

Converting Colors

Decimal(5467487)

Have a look what the booklet for
Decimal(5467487) contains.

Decimal(5467487)	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(5467487)

Conversions

Conversions Part 1

Format	Color
Hex	536D5F
RGB	83, 109, 95
RGB Percent	33%, 43%, 37%
CMY	0.6745, 0.5725, 0.6275
CMYK	0.24, 0.00, 0.13, 0.57
HSL	148°, 14%, 38%
HSV	148°, 24%, 43%
XYZ	11.1015, 13.6025, 12.8669
YIQ	99.6300, -11.0020, -9.8660

Conversions

Conversions Part 2

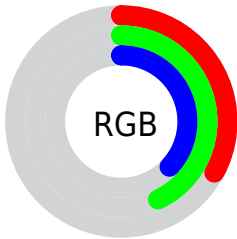
Format	Color
RYB	83, 101, 109
Decimal	5467487
CIELab	43.66, -12.73, 4.71
CIElCh	44, 13.579, 159.693
Yxy	13.6025, 0.2955, 0.3620
Android (android.graphics.Color)	4283657567 (0xFF536D5F)
YUV	99.6300, -2.2826, -14.5845
Hunter-Lab	36.8816, -10.8136, 5.1325

Details

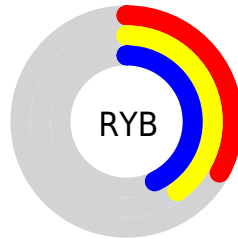
The Decimal color **5467487** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7164769**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **8757649**, and **2440497** is the 20% darker color. If you saturate the color by 10%, you get **4746585**, and if you desaturate by 10%, it is **6188389**.

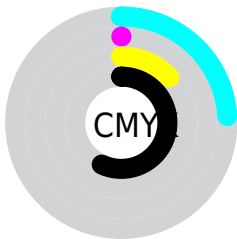
Distribution



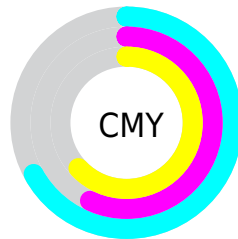
- Red (33%)
- Green (43%)
- Blue (37%)



- Red (33%)
- Yellow (40%)
- Blue (43%)



- Cyan (24%)
- Magenta (0%)
- Yellow (13%)
- Black (57%)



- Cyan (67%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5467487 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 5467487 by changing the saturation by 10% instead.

■ 5467487

■ 5467487

16777215

■ 3953991

■ 8757649

■ 2440497

■ 10468524

■ 1058588

■ 12244935

■ 5121

■ 14087395

■ 0

■ 15990783

■ 5467487

■ 5467487

■ 4746585

■ 6188389

■ 4025683

■ 6909291

■ 3304781

■ 7630193

■ 2583880

■ 8351094

■ 1928514

■ 9071996

■ 1207612

■ 9727362

■ 486710

■ 10448264

■ 27954

■ 11169166

■ 11890068

Harmonies

Analogous

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



6253398



5467487



4877931

Triad

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



5467487



6252413



8216921

Complementary

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



5467487



7164769

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.



8281956



5467487



7234424

Square

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



5467487



5335676



7954543



7824466

Rectangle

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



5467487



4746610



7954543



8282205

Sweetspot

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



5467487



8753033



6384979



4343620



13092807



4671303

Same Dimension

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



5467487



6655865



5467500



3159603



30006



62833

Inverse Universe

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



7164769



9397628



7164756



3551283



7667775



16056452

Previews

White Background



This preview shows how the Decimal color 5467487 looks on a white background.

Color Contrast Check

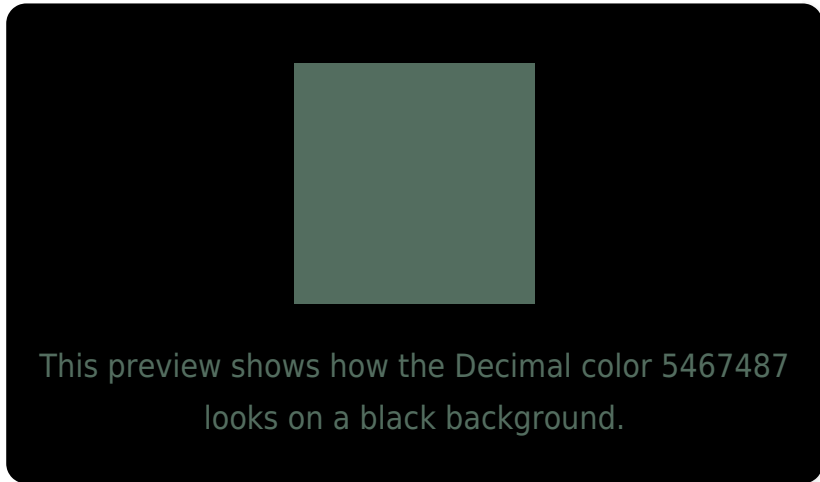
Large Text (above 18pt) WCAG AA ✓ Pass

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

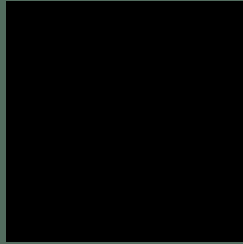
Any Text WCAG AA × Fail

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 5467487 Background



This preview shows how black text looks on a background with the Decimal color 5467487.

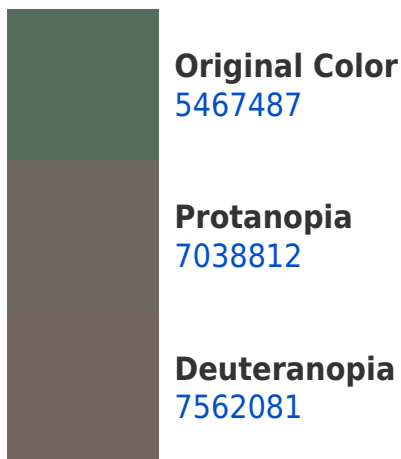


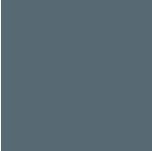
This preview shows how white text looks on a background with the Decimal color 5467487.

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](#).

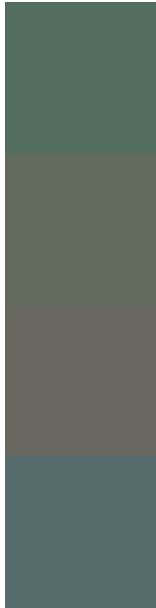
Dichromacy





Tritanopia
5728883

Trichromacy



Original Color
5467487

Protanomaly
6449501

Deuteranomaly
6776672

Tritanomaly
5663596

Monochromacy



Original Color
5467487

Achromatopsia
6579300

Achromatomaly
6186850

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5467487 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 #536D5F looks like.

```
.text, #text, p{  
  color:#536D5F  
}
```

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 #536D5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536D5F
}
```

Border

The CSS property to change the border of an element to Decimal 5467487 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
#536D5F }
```

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

```
.border{ border-color:#536D5F }
```

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

Here you see how a box with a 4 pixel #536D5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536D5F; -webkit-box-shadow:4px 4px  
4px 4px #536D5F; box-shadow:4px 4px 4px  
4px #536D5F }
```

Background

The CSS property to change the background color of an element to Decimal 5467487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536D5F }
```

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

```
.background{ background-color:#536D5F }
```

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