

Converting Colors

Decimal(5001287)

Have a look what the booklet for
Decimal(5001287) contains.

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Color

Decimal(5001287)

Conversions

Conversions Part 1

Format	Color
Hex	4C5047
RGB	76, 80, 71
RGB Percent	30%, 31%, 28%
CMY	0.7020, 0.6863, 0.7216
CMYK	0.05, 0.00, 0.11, 0.69
HSL	87°, 6%, 30%
HSV	87°, 11%, 31%
XYZ	6.9865, 7.7288, 7.0848
YIQ	77.7780, 0.5050, -3.6470

Conversions

Conversions Part 2

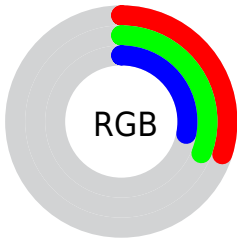
Format	Color
R_{YB}	71, 80, 75
Decimal	5001287
CIE Lab	33.41, -3.53, 4.75
CIE LCh	33, 5.919, 126.638
Yxy	7.7288, 0.3205, 0.3545
Android (android.graphics.Color)	4283191367 (0xFF4C5047)
YUV	77.7780, -3.3416, -1.5593
Hunter-Lab	27.8006, -3.7929, 4.3508

Details

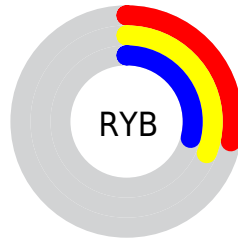
The Decimal color **5001287** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4933456**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **8225143**, and **2106396** is the 20% darker color. If you saturate the color by 10%, you get **4739135**, and if you desaturate by 10%, it is **5263439**.

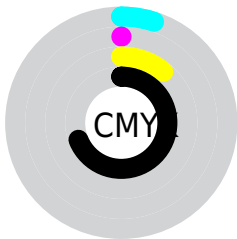
Distribution



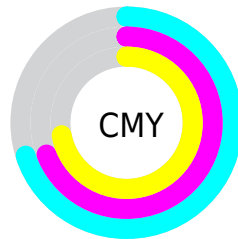
- Red (30%)
- Green (31%)
- Blue (28%)



- Red (28%)
- Yellow (31%)
- Blue (29%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (69%)



- Cyan (70%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5001287 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 5001287 by changing the saturation by 10% instead.

■ 5001287

■ 5001287

16777215

■ 3488049

■ 8225143

■ 2106396

■ 9935761

■ 593409

■ 11646636

■ 0

■ 13488839

■ 15331043

■ 5001287

■ 5001287

■ 4739135

■ 5263439

■ 4542519

■ 5460055

■ 4280367

■ 5722207

■ 4083751

■ 5918823

■ 3821599

■ 6180975

■ 3624983

■ 6377591

■ 3362831

■ 6639743

■ 3166215

■ 6836359

■ 2904064

■ 7098511

Harmonies

Analogous

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



5328709



5001287



4673867

Triad

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



5001287



4608087



5786446

Complementary

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



5001287



4933456

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.



5655634



5001287



4935512

Square

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



5001287



4411732



5328214



5786697

Rectangle

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



5001287



4477262



5328214



5786447

Sweetspot

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



5001287



6777189



5262151



3487283



11908533



3552822

Same Dimension

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



5001287



6449498



4739143



2566437



3827968



8513536

Inverse Universe

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



4933456



6314601



5195600



2565417



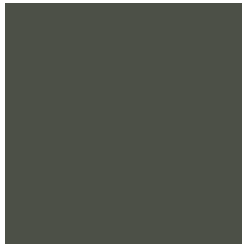
3014761



6750440

Previews

White Background



This preview shows how the Decimal color 5001287 looks on a white background.

Color Contrast Check

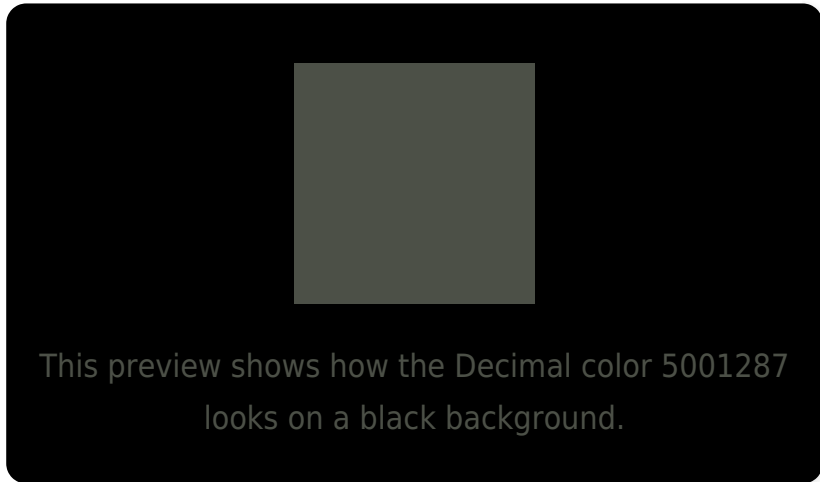
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

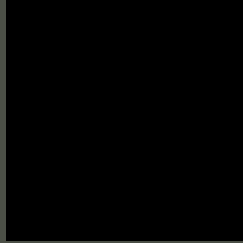
Any Text WCAG AA × Fail

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 5001287 Background



This preview shows how black text looks on a background with the Decimal color 5001287.

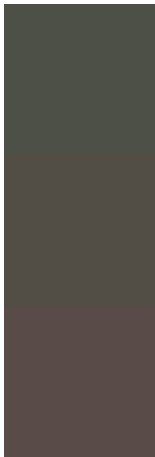


This preview shows how white text looks on a background with the Decimal color 5001287.

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
5001287

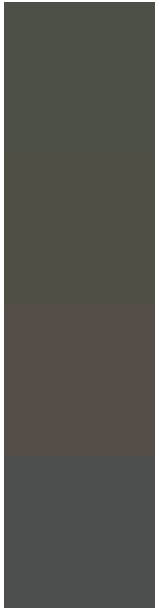
Protanopia
5393990

Deuteranopia
5852232



Tritanopia
5131860

Trichromacy



Original Color

5001287

Protanomaly

5263174

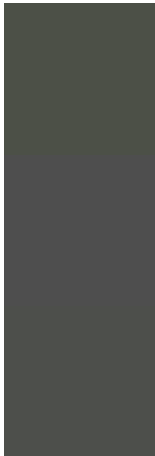
Deuteranomaly

5524808

Tritanomaly

5066575

Monochromacy



Original Color

5001287

Achromatopsia

5131854

Achromatomaly

5066571

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5001287 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 #4C5047 looks like.

```
.text, #text, p{  
  color:#4C5047  
}
```

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 #4C5047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5047
}
```

Border

The CSS property to change the border of an element to Decimal 5001287 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
#4C5047 }
```

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

```
.border{ border-color:#4C5047 }
```

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

Here you see how a box with a 4 pixel #4C5047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5047; -webkit-box-shadow:4px 4px  
4px 4px #4C5047; box-shadow:4px 4px 4px  
4px #4C5047 }
```

Background

The CSS property to change the background color of an element to Decimal 5001287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5047 }
```

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

```
.background{ background-color:#4C5047 }
```

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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