

# Converting Colors

Decimal(5001285)

Have a look what the booklet for  
Decimal(5001285) contains.

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# Color

**Decimal(5001285)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C5045
RGB	76, 80, 69
RGB Percent	30%, 31%, 27%
CMY	0.7020, 0.6863, 0.7294
CMYK	0.05, 0.00, 0.14, 0.69
HSL	82°, 7%, 29%
HSV	82°, 14%, 31%
XYZ	6.9233, 7.7035, 6.7522
YIQ	77.5500, 1.1470, -4.2690

# Conversions

## Conversions Part 2

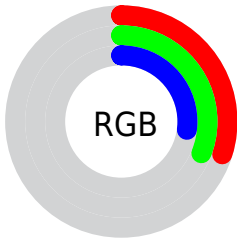
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 80, 73
Decimal	5001285
CIELab	33.36, -3.93, 5.94
CIELCh	33, 7.120, 123.529
Yxy	7.7035, 0.3238, 0.3603
Android (android.graphics.Color)	4283191365 (0xFF4C5045)
YUV	77.5500, -4.2151, -1.3593
Hunter-Lab	27.7552, -4.0460, 5.0046

# Details

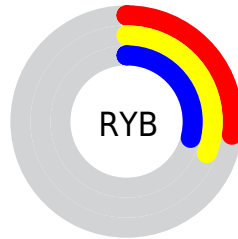
The Decimal color **5001285** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4801872**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **8225141**, and **2106394** is the 20% darker color. If you saturate the color by 10%, you get **4804669**, and if you desaturate by 10%, it is **5197901**.

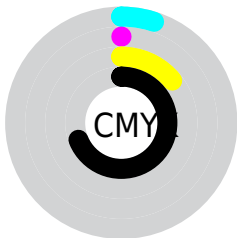
# Distribution



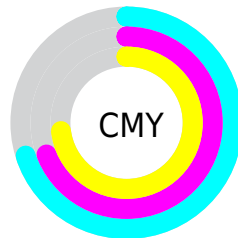
- Red (30%)
- Green (31%)
- Blue (27%)



- Red (27%)
- Yellow (31%)
- Blue (29%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (69%)



- Cyan (70%)
- Magenta (69%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5001285 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 5001285 by changing the saturation by 10% instead.



■ 5001285

■ 5001285

16777215

■ 3488047

■ 8225141

■ 2106394

■ 9935759

■ 593408

■ 11646633

■ 0

■ 13488836

■ 15331040

16777213

■ 5001285

■ 5001285

■ 4804669

■ 5197901

■ 4608053

■ 5394517

■ 4411437

■ 5591133

■ 4214821

■ 5787749

■ 4018205

■ 5984365

■ 3887125

■ 6115445

■ 3690509

■ 6312061

■ 3493893

■ 6508677

■ 3362816

■ 6705293

# Harmonies

## Analogous

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



5393987



5001285



4608329

# Triad

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



5001285



4411480



5917518

# Complementary

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



5001285



4801872

# 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.



5655380



5001285



4804442

# Square

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



5001285



4215124



5262680



5917512

# Rectangle

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



5001285



4411981



5262680



5851984



# Sweetspot

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



5001285



6777188



5261637



3487283



11908533



3552822



# Same Dimension

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



5001285



6449495



4673605



2566437



4417792



9758720



# Inverse Universe

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



4801872



6117225



5129552



2499881



2490473



5505256



# Previews

## White Background



This preview shows how the Decimal color 5001285 looks on a white background.

## Color Contrast Check

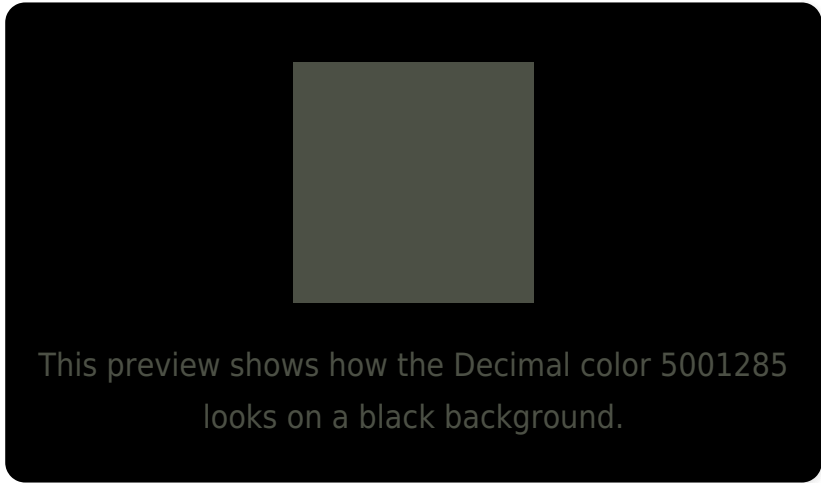
Large Text (above 18pt) WCAG AA ✓ Pass

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

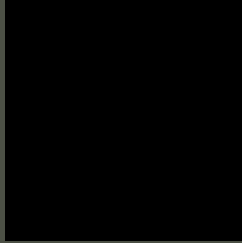
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

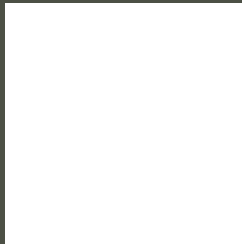
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5001285 Background



This preview shows how black text looks on a background with the Decimal color 5001285.



This preview shows how white text looks on a background with the Decimal color 5001285.

# 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**  
5001285

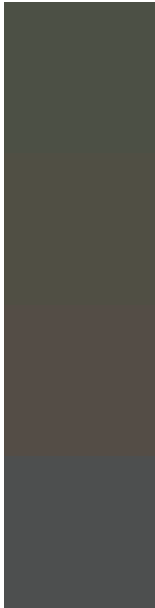
**Protanopia**  
5393988

**Deuteranopia**  
5852230



**Tritanopia**  
5131860

# Trichromacy



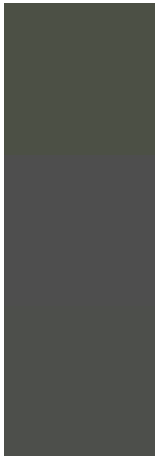
**Original Color**  
5001285

**Protanomaly**  
5263172

**Deuteranomaly**  
5524806

**Tritanomaly**  
5066575

# Monochromacy



**Original Color**  
5001285

**Achromatopsia**  
5131854

**Achromatomaly**  
5066571

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5001285 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 #4C5045 looks like.

```
.text, #text, p{  
    color:#4C5045  
}
```

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 #4C5045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5045
}
```

## Border

The CSS property to change the border of an element to Decimal 5001285 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
#4C5045 }
```

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

```
.border{ border-color:#4C5045 }
```

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

Here you see how a box with a 4 pixel #4C5045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5045; -webkit-box-shadow:4px 4px  
4px 4px #4C5045; box-shadow:4px 4px 4px  
4px #4C5045 }
```

# Background

The CSS property to change the background color of an element to Decimal 5001285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5045 }
```

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

```
.background{ background-color:#4C5045 }
```

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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