

Converting Colors

Decimal(5067347)

Have a look what the booklet for
Decimal(5067347) contains.

Decimal(5067347)	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(5067347)

Conversions

Conversions Part 1

Format	Color
Hex	4D5253
RGB	77, 82, 83
RGB Percent	30%, 32%, 33%
CMY	0.6980, 0.6784, 0.6745
CMYK	0.07, 0.01, 0.00, 0.67
HSL	190°, 4%, 31%
HSV	190°, 7%, 33%
XYZ	7.6392, 8.2369, 9.3709
YIQ	80.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

Format	Color
RYB	77, 80, 83
Decimal	5067347
CIELab	34.47, -1.77, -1.28
CIElCh	34, 2.187, 215.890
Yxy	8.2369, 0.3026, 0.3263
Android (android.graphics.Color)	4283257427 (0xFF4D5253)
YUV	80.6190, 1.1738, -3.1739
Hunter-Lab	28.7000, -2.7129, 0.7312

Details

The Decimal color **5067347** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5459533**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **8291204**, and **2172198** is the 20% darker color. If you saturate the color by 10%, you get **4542803**, and if you desaturate by 10%, it is **5591891**.

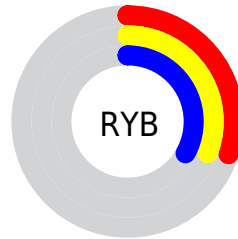
Distribution



Red (30%)

Green (32%)

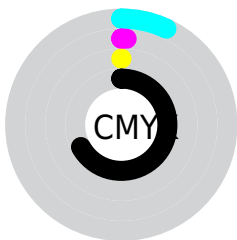
Blue (33%)



Red (30%)

Yellow (31%)

Blue (33%)

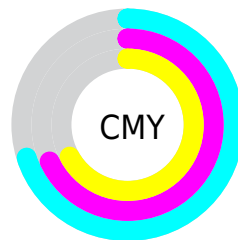


Cyan (7%)

Magenta (1%)

Yellow (0%)

Black (67%)



Cyan (70%)

Magenta (68%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5067347 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 5067347 by changing the saturation by 10% instead.

■ 5067347

■ 5067347

16777215

■ 3554108

■ 8291204

■ 2172198

■ 10001822

■ 659730

■ 11778233

■ 0

■ 13554901

■ 15397105

■ 5067347

■ 5067347

■ 4542803

■ 5591891

■ 3952467

■ 6182227

■ 3427923

■ 6706771

■ 2903123

■ 7231571

■ 2313043

■ 7756115

■ 1788499

■ 8346195

■ 1263699

■ 8870995

■ 739155

■ 9395539

■ 149075

■ 9985619

Harmonies

Analogous

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



5067345



5067347



5132884

Triad

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



5067347



5525586



5394766

Complementary

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



5067347



5459533

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.



5525582



5067347



5591121

Square

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



5067347



5394772



5591119



5263950

Rectangle

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



5067347



5198164



5591119



5460302

Sweetspot

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



5067347



6908779



5067598



3421494



11908533



3552822

Same Dimension

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



5067347



6383979



5066579



2435113



22377



49640

Inverse Universe

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



5459282



7037289



5460301



2696488



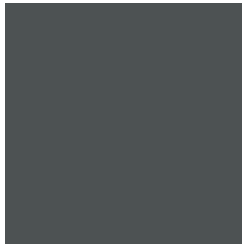
6881367



15204545

Previews

White Background



This preview shows how the Decimal color 5067347 looks on a white background.

Color Contrast Check

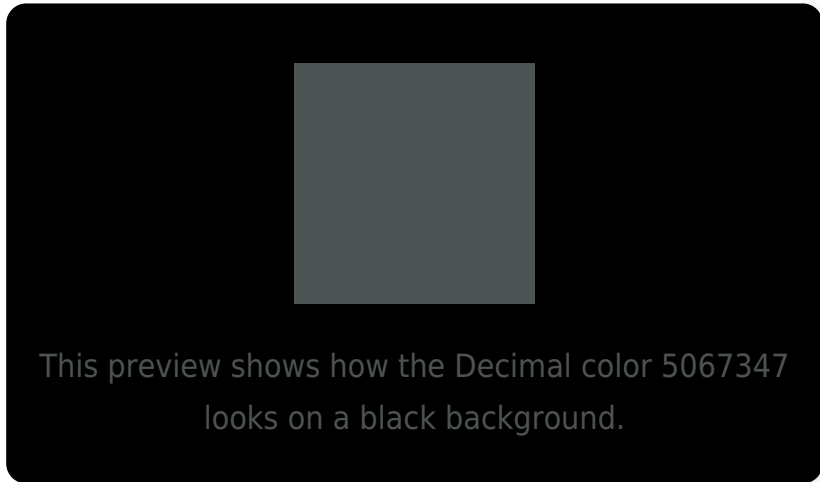
Large Text (above 18pt) WCAG AA ✓ Pass

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

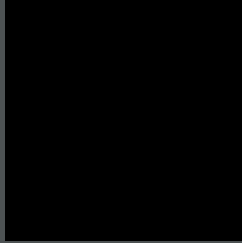
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

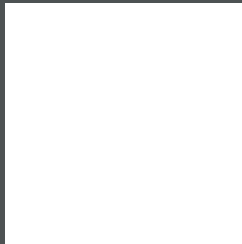
Any Text WCAG AAA × Fail

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

Decimal 5067347 Background



This preview shows how black text looks on a background with the Decimal color 5067347.

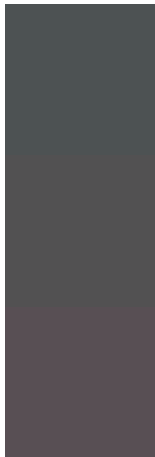


This preview shows how white text looks on a background with the Decimal color 5067347.

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](#).

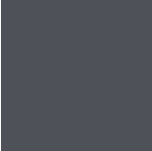
Dichromacy



Original Color
5067347

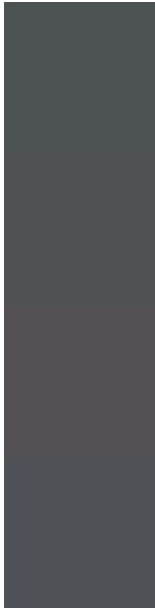
Protanopia
5394770

Deuteranopia
5787476



Tritanopia
5132632

Trichromacy



Original Color

5067347

Protanomaly

5263698

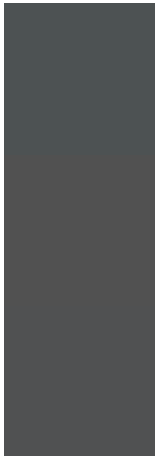
Deuteranomaly

5525588

Tritanomaly

5132630

Monochromacy



Original Color

5067347

Achromatopsia

5329233

Achromatomaly

5263698

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5067347 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 #4D5253 looks like.

```
.text, #text, p{  
  color:#4D5253  
}
```

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 #4D5253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5253
}
```

Border

The CSS property to change the border of an element to Decimal 5067347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

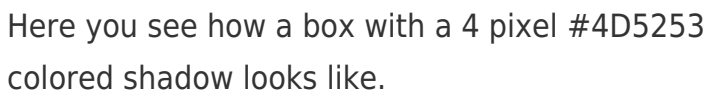
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D5253 }
```

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

```
.border{ border-color:#4D5253 }
```

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



Here you see how a box with a 4 pixel #4D5253 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5253; -webkit-box-shadow:4px 4px  
4px 4px #4D5253; box-shadow:4px 4px 4px  
4px #4D5253 }
```

Background

The CSS property to change the background color of an element to Decimal 5067347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5253 }
```

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

```
.background{ background-color:#4D5253 }
```

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