

Converting Colors

Decimal(5007468)

Have a look what the booklet for
Decimal(5007468) contains.

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Color

Decimal(5007468)

Conversions

Conversions Part 1

Format	Color
Hex	4C686C
RGB	76, 104, 108
RGB Percent	30%, 41%, 42%
CMY	0.7020, 0.5922, 0.5765
CMYK	0.30, 0.04, 0.00, 0.58
HSL	188°, 17%, 36%
HSV	188°, 30%, 42%
XYZ	10.6376, 12.5198, 16.0433
YIQ	96.0840, -17.9720, -4.6920

Conversions

Conversions Part 2

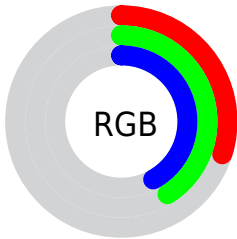
Format	Color
R_{YB}	76, 91, 108
Decimal	5007468
CIE Lab	42.03, -9.18, -5.58
CIE LCh	42, 10.740, 211.314
Yxy	12.5198, 0.2714, 0.3194
Android (android.graphics.Color)	4283197548 (0xFF4C686C)
YUV	96.0840, 5.8746, -17.6137
Hunter-Lab	35.3834, -8.2571, -2.1145

Details

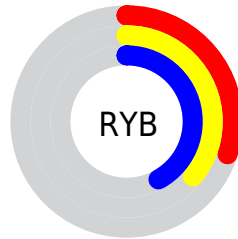
The Decimal color **5007468** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7098444**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **8297375**, and **1980733** is the 20% darker color. If you saturate the color by 10%, you get **4286316**, and if you desaturate by 10%, it is **5728620**.

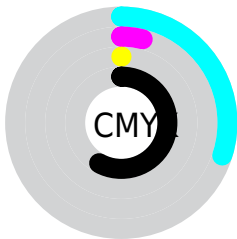
Distribution



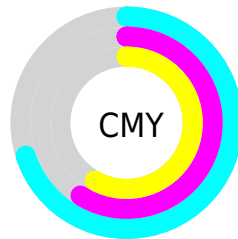
- Red (30%)
- Green (41%)
- Blue (42%)



- Red (30%)
- Yellow (36%)
- Blue (42%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (58%)



- Cyan (70%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5007468 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 5007468 by changing the saturation by 10% instead.

■ 5007468

■ 5007468

16777215

■ 3428436

■ 8297375

■ 1980733

■ 10008250

■ 402215

■ 11784918

■ 3602

■ 13627122

■ 0

■ 15466495

■ 5007468

■ 5007468

■ 4286316

■ 5728620

■ 3564908

■ 6450028

■ 2909292

■ 7105644

■ 2188140

■ 7826796

■ 1466732

■ 8548204

■ 745580

■ 9269356

■ 24428

■ 9990508

■ 10646380

■ 11367532

Harmonies

Analogous

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



5138531



5007468



5269106

Triad

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



5007468



7298668



6972242

Complementary

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



5007468



7098444

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.



7495764



5007468



7691619

Square

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



5007468



6644082



7757402



6317396

Rectangle

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



5007468



5662068



7757402



7168594

Sweetspot

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



5007468



8424332



5008464



4212295



13092807



4671303

Same Dimension

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



5007468



5932684



5003372



3159350



26485



55029

Inverse Universe

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



7097448



9198214



7102540



3551285



7667815



16056534

Previews

White Background



This preview shows how the Decimal color 5007468 looks on a white background.

Color Contrast Check

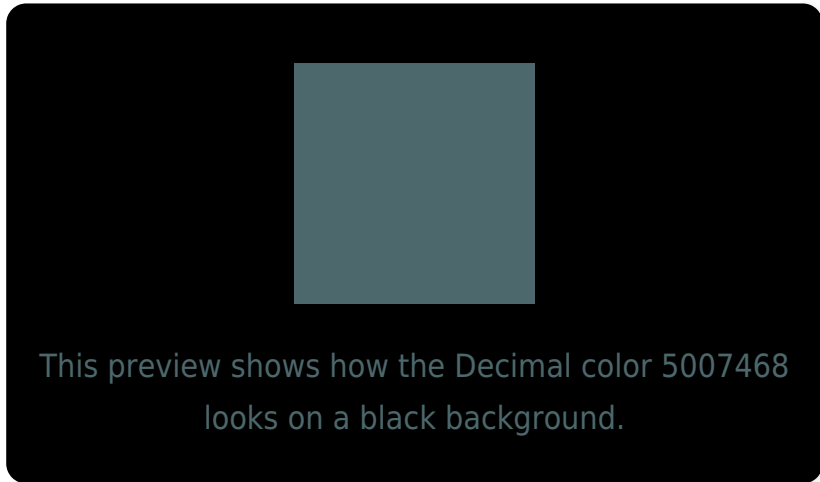
Large Text (above 18pt) WCAG AA ✓ Pass

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

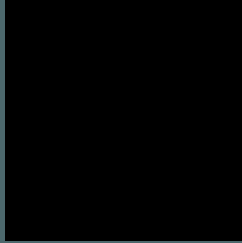
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

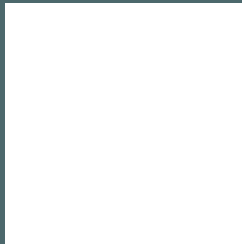
Any Text WCAG AAA × Fail

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

Decimal 5007468 Background



This preview shows how black text looks on a background with the Decimal color 5007468.



This preview shows how white text looks on a background with the Decimal color 5007468.

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

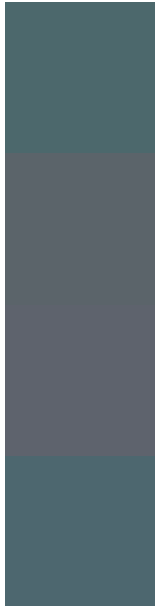


Original Color
5007468

Protanopia
6513257

Deuteranopia
6840430

Trichromacy



Original Color
5007468

Protanomaly
5989482

Deuteranomaly
6185837

Tritanomaly
5072751

Monochromacy



Original Color
5007468

Achromatopsia
6316128

Achromatomaly
5858148

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5007468 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 #4C686C looks like.

```
.text, #text, p{  
    color:#4C686C  
}
```

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 #4C686C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C686C
}
```

Border

The CSS property to change the border of an element to Decimal 5007468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

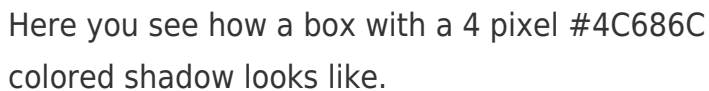
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C686C }
```

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

```
.border{ border-color:#4C686C }
```

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



Here you see how a box with a 4 pixel #4C686C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C686C; -webkit-box-shadow:4px 4px  
4px 4px #4C686C; box-shadow:4px 4px 4px  
4px #4C686C }
```

Background

The CSS property to change the background color of an element to Decimal 5007468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C686C }
```

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

```
.background{ background-color:#4C686C }
```

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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