

# Converting Colors

Decimal(5073260)

Have a look what the booklet for  
Decimal(5073260) contains.

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# Color

**Decimal(5073260)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D696C
RGB	77, 105, 108
RGB Percent	30%, 41%, 42%
CMY	0.6980, 0.5882, 0.5765
CMYK	0.29, 0.03, 0.00, 0.58
HSL	186°, 17%, 36%
HSV	186°, 29%, 42%
XYZ	10.8189, 12.7636, 16.0808
YIQ	96.9700, -17.6510, -5.0030

# Conversions

## Conversions Part 2

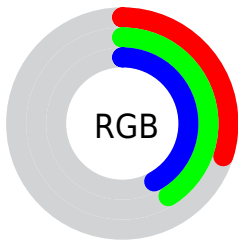
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 92, 108
Decimal	5073260
CIELab	42.40, -9.43, -5.02
CIELCh	42, 10.680, 208.030
Yxy	12.7636, 0.2728, 0.3218
Android (android.graphics.Color)	4283263340 (0xFF4D696C)
YUV	96.9700, 5.4378, -17.5137
Hunter-Lab	35.7262, -8.4661, -1.6787

# Details

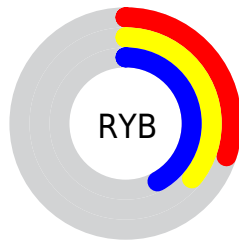
The Decimal color **5073260** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7098445**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **8363167**, and **2046525** is the 20% darker color. If you saturate the color by 10%, you get **4352108**, and if you desaturate by 10%, it is **5794412**.

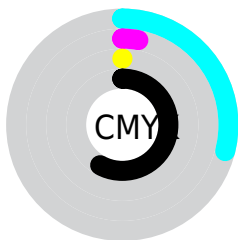
# Distribution



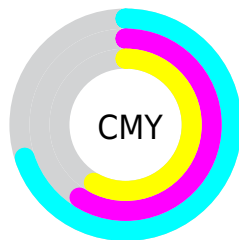
- Red (30%)
- Green (41%)
- Blue (42%)



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



- Cyan (29%)
- Magenta (3%)
- Yellow (0%)
- Black (58%)



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

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5073260 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 5073260 by changing the saturation by 10% instead.



■ 5073260

■ 5073260

16777215

■ 3494228

■ 8363167

■ 2046525

■ 10074042

■ 533543

■ 11850710

■ 4114

■ 13692914

■ 0

■ 15532031

■ 5073260

■ 5073260

■ 4352108

■ 5794412

■ 3630956

■ 6515564

■ 2975340

■ 7171180

■ 2254188

■ 7892332

■ 1533036

■ 8613484

■ 811884

■ 9334636

■ 90732

■ 10055788

■ 25196

■ 10711404

■ 11432556

# Harmonies

## Analogous

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



5269859



5073260



5335155

# Triad

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



5073260



7298926



7103315

# Complementary

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



5073260



7098445

# 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.



7561301



5073260



7691877

# Square

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



5073260



6644340



7822940



6448724

# Rectangle

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



5073260



5662325



7822940



7299667



# Sweetspot

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



5073260



8424332



5074000



4212551



13092807



4671303



# Same Dimension

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



5073260



6129804



5069420



3159350



27253



56821



# Inverse Universe

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



7097705



9198984



7102285



3551285



7667818



16056541



# Previews

## White Background



This preview shows how the Decimal color 5073260 looks on a white background.

## Color Contrast Check

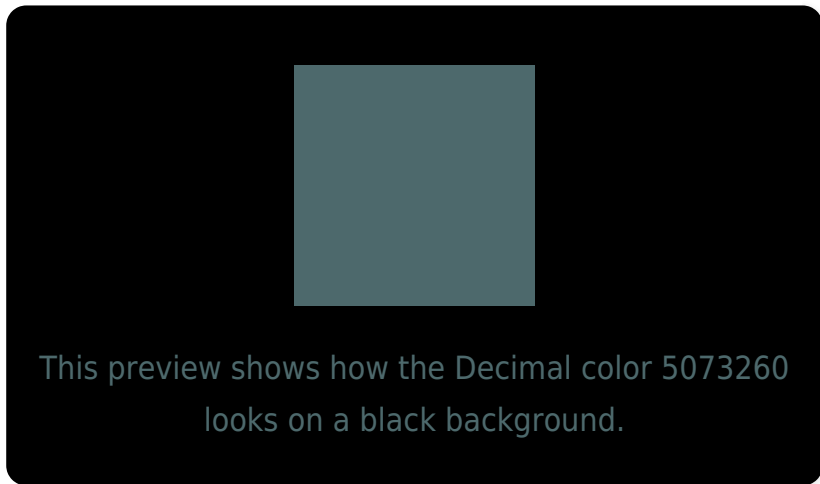
Large Text (above 18pt) WCAG AA ✓ Pass

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

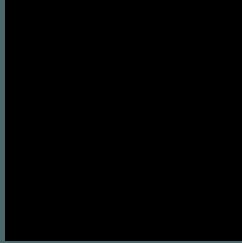
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

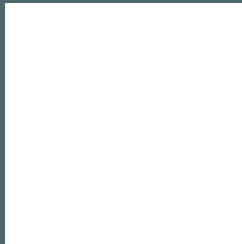
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5073260 Background



This preview shows how black text looks on a background with the Decimal color 5073260.



This preview shows how white text looks on a background with the Decimal color 5073260.

# 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



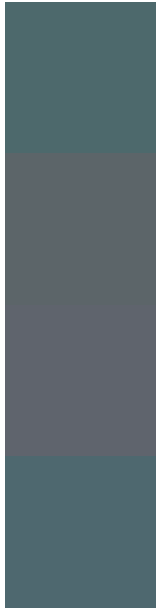
**Original Color**  
5073260

**Protanopia**  
6579048

**Deuteranopia**  
6906222



# Trichromacy



**Original Color**  
5073260

**Protanomaly**  
6055273

**Deuteranomaly**  
6251629

**Tritanomaly**  
5138543

# Monochromacy



**Original Color**  
5073260

**Achromatopsia**  
6381921

**Achromatomaly**  
5923941

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5073260 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 #4D696C looks like.

```
.text, #text, p{  
    color:#4D696C  
}
```

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 #4D696C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D696C
}
```

## Border

The CSS property to change the border of an element to Decimal 5073260 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
#4D696C }
```

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

```
.border{ border-color:#4D696C }
```

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

Here you see how a box with a 4 pixel #4D696C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D696C; -webkit-box-shadow:4px 4px  
4px 4px #4D696C; box-shadow:4px 4px 4px  
4px #4D696C }
```

# Background

The CSS property to change the background color of an element to Decimal 5073260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D696C }
```

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

```
.background{ background-color:#4D696C }
```

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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