

# Converting Colors

Decimal(5070454)

Have a look what the booklet for  
Decimal(5070454) contains.

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# Color

**Decimal(5070454)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D5E76
RGB	77, 94, 118
RGB Percent	30%, 37%, 46%
CMY	0.6980, 0.6314, 0.5373
CMYK	0.35, 0.20, 0.00, 0.54
HSL	215°, 21%, 38%
HSV	215°, 35%, 46%
XYZ	10.3333, 10.8912, 18.6971
YIQ	91.6530, -17.8360, 3.8600

# Conversions

## Conversions Part 2

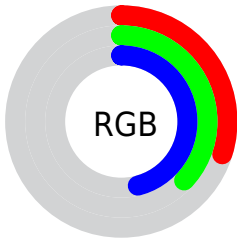
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 89, 118
Decimal	5070454
CIELab	39.40, -0.14, -15.65
CIELCh	39, 15.654, 269.480
Yxy	10.8912, 0.2588, 0.2728
Android (android.graphics.Color)	4283260534 (0xFF4D5E76)
YUV	91.6530, 12.9891, -12.8507
Hunter-Lab	33.0018, -1.8625, -10.4894

# Details

The Decimal color **5070454** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7759181**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **8360106**, and **1978438** is the 20% darker color. If you saturate the color by 10%, you get **4282230**, and if you desaturate by 10%, it is **5858678**.

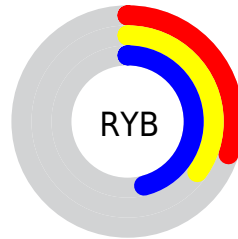
# Distribution



Red (30%)

Green (37%)

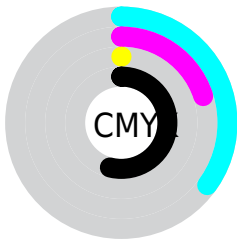
Blue (46%)



Red (30%)

Yellow (35%)

Blue (46%)

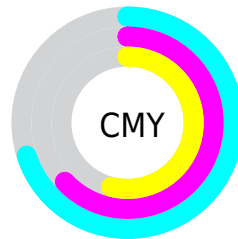


Cyan (35%)

Magenta (20%)

Yellow (0%)

Black (54%)



Cyan (70%)

Magenta (63%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5070454 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 5070454 by changing the saturation by 10% instead.



■ 5070454

■ 5070454

16777215

■ 3491421

■ 8360106

■ 1978438

■ 10136517

■ 400175

■ 11912930

■ 283

■ 13689598

■ 0

■ 15597567

■ 5070454

■ 5070454

■ 4282230

■ 5858678

■ 3494006

■ 6646902

■ 2771318

■ 7369590

■ 1983094

■ 8157814

■ 1194870

■ 8946038

■ 406902

■ 9734006

■ 12662

■ 10522230

■ 11244918

■ 12033142

# Harmonies

## Analogous

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



4088434



5070454



6249075

# Triad

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



5070454



7820369



4875088

# Complementary

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



5070454



7759181

# 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.



5857350



5070454



7428167

# Square

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



5070454



7689309



6708291



4088924

# Rectangle

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



5070454



6903661



6708291



5202508



# Sweetspot

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



5070454



9080985



5076581



4409165



13421772



5066061



# Same Dimension

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



5070454



5862297



5262710



3487547



13178



26874



# Inverse Universe

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



7753054



10049907



7566925



3880247



7995443

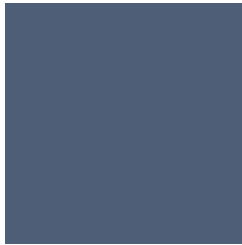


16384104



# Previews

## White Background



This preview shows how the Decimal color 5070454 looks on a white background.

## Color Contrast Check

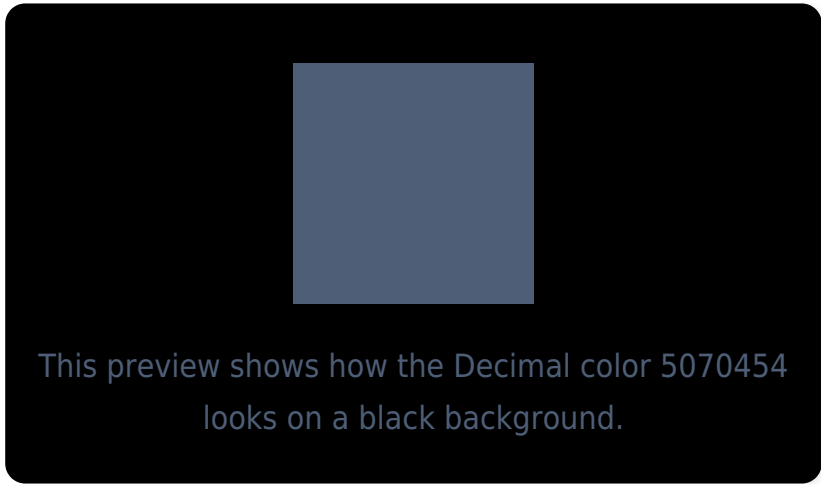
Large Text (above 18pt) WCAG AA ✓ Pass

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

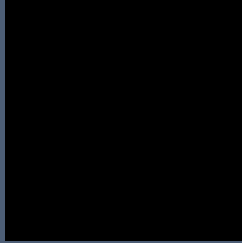
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

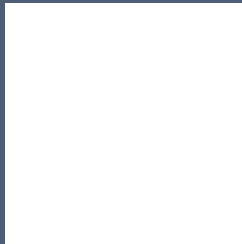
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5070454 Background



This preview shows how black text looks on a background with the Decimal color 5070454.

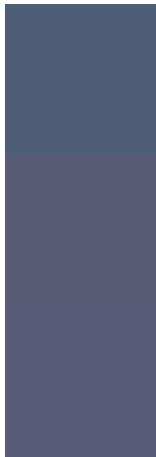


This preview shows how white text looks on a background with the Decimal color 5070454.

# 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**  
5070454

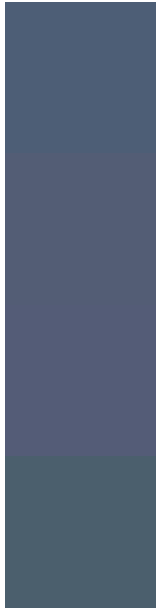
**Protanopia**  
5725300

**Deuteranopia**  
5790583



**Tritanopia**  
4874344

# Trichromacy



**Original Color**  
5070454

**Protanomaly**  
5463413

**Deuteranomaly**  
5528695

**Tritanomaly**  
4939629

# Monochromacy



**Original Color**  
5070454

**Achromatopsia**  
6052956

**Achromatomaly**  
5725541

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5070454 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 #4D5E76 looks like.

```
.text, #text, p{  
    color:#4D5E76  
}
```

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 #4D5E76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5E76
}
```

## Border

The CSS property to change the border of an element to Decimal 5070454 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".

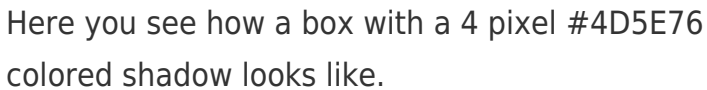
```
.border, #border, table{ border:4px solid
#4D5E76 }
```

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

```
.border{ border-color:#4D5E76 }
```

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

Here you see how a box with a 4 pixel #4D5E76 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5E76; -webkit-box-shadow:4px 4px  
4px 4px #4D5E76; box-shadow:4px 4px 4px  
4px #4D5E76 }
```

# Background

The CSS property to change the background color of an element to Decimal 5070454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5E76 }
```

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

```
.background{ background-color:#4D5E76 }
```

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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